

Scout Report sent out  
Noted in the NID File  
Location map pinned  
Approval or Disapproval Letter  
Date Completed, P. & A. or  
operations suspended  
Pin changed on location map  
Affidavit and Record of A & P  
Water Shut-Off Test  
Gas-Oil Ratio Test  
Well Log Filed

- ☐
- ☒
- ☒
- ☐
- ☐
- ☐
- ☐
- ☒

10-17-57

RECORDED  
INDEXED

CONVERTED TO WATER INJECTION WELL 527-65

FILE NOTATIONS

Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input checked="" type="checkbox"/>
Entered on S & R Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>		

COMPLETION DATA:

Date Well Completed 10-17-57 Location Inspected \_\_\_\_\_  
OW ☒ WW \_\_\_\_\_ TA \_\_\_\_\_ Bond returned \_\_\_\_\_  
GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_ State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 11-25-57  
Electric Logs (No.) 3

E. \_\_\_\_\_ I. \_\_\_\_\_ E-I ☒ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
Lat. \_\_\_\_\_ MFL \_\_\_\_\_ Sonic \_\_\_\_\_ Others *Transcript Survey*  
*Production Log*

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo

Lease No. 14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

July 11, 1957

Well No. Navajo B-6 is located 710 ft. from N line and 1820 ft. from E line of sec. 7

NE/4 NW/4 Sec. 7

41S

24E

SEBCN

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

North Desert Creek

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

kelly bushing

The elevation of the ~~corner floor~~ above sea level is 4785 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to drill well to test Lower Boundary Butte Limestone to 5800'.

Will set approx 800' of 10 3/4" surface casing with cement circulated to surface.

Will set 7' casing through any productive zones encountered.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address Box 200

Casper, Wyoming

By W H Fraser

Title District Engineer

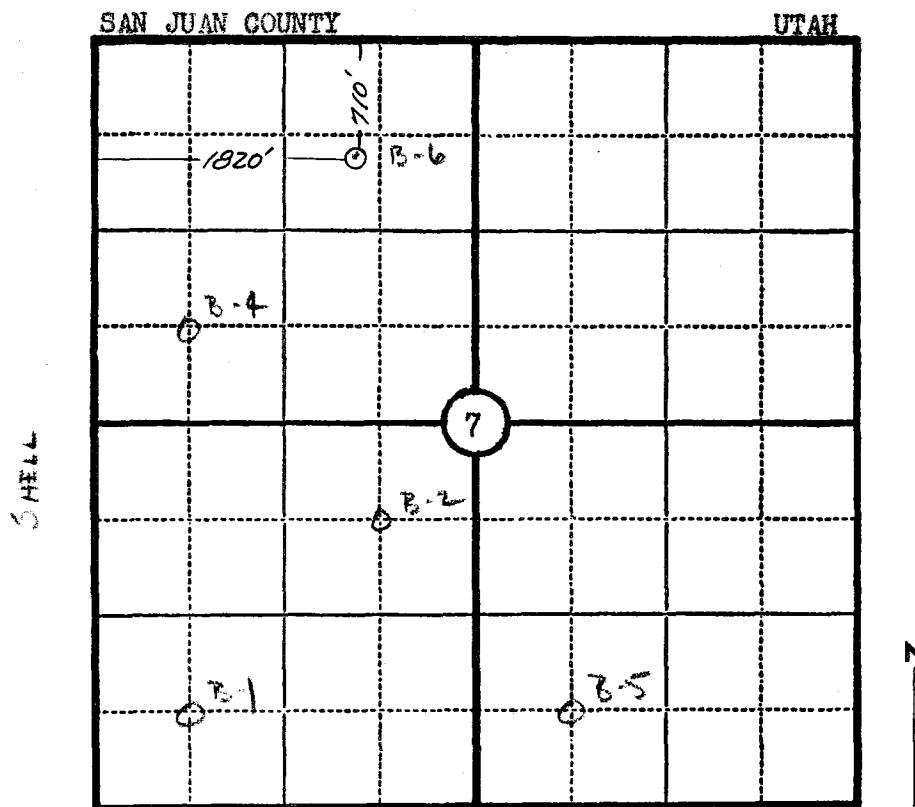
Company.....THE SUPERIOR OIL COMPANY.....

Lease.....NAVAJO "B"..... Well No.....

Sec.....7....., T.41 SOUTH....., R. 24 EAST, S.L.M.....

Location.....710' from the NORTH LINE and 1820' from  
the WEST LINE.....

Elevation.....4785.0 UNGRADED.....



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Land Surveyor.

James P. Leese

Utah Reg. No. 1472

Surveyed ..... 6 JUNE ..... , 19 57 .....

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

July 15, 1957

The Superior Oil Company  
Box 200  
Casper, Wyoming

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo B-6, which is to be located 710 feet from the north line and 1820 feet from the west line of Section 7, Township 41 South, Range 24 East, SEBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLENN B. FREIGHT  
SECRETARY

CCF:en

cc: Phil McGrath/ Jerry Long  
U.S.G.S. Farmington,  
New Mexico

(SUBMIT IN TRIPLICATE)

X		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allottee Navajo  
Lease No. 14-20-603-368

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 15, 1957

Well No. Navajo B-6 is located 710 ft. from N line and 1820 ft. from W line of sec. 7

NE NW Sec. 7 41S 24E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Ratherford San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

kelly bushing  
The elevation of the ~~derrick floor~~ above sea level is 4936 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded: September 3, 1957. Completed: October 17, 1957.

Set 10-3/4" surface casing at 897' with 425 sacks cement in 13-3/4" hole.

Total Depth: 5990'. PBD: 5955'.

Set 7" casing at 5990' with 900 sacks cement in 9" hole.

Top of cement at 3700' by Temperature Survey.

7" Perforated: 5772'-75', 5794'-5814', 5854'-5900', 5911'-15', and 5919'-40' with 6 jets per foot.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil CompanyAddress P. O. Box 276Cortez, ColoradoBy H. E. NugentTitle Engineer

NOV 25 1957

DST #1 (5770' - 5861')

Tool open 1½ hrs. Good blow with gas to surface in 10 minutes and oil to surface in 70 minutes. Recovered 360' heavy mud cut oil.  
30 minutes ISIP 2183#, BHFP 338#-883#, 1 hour PSIP 2130#, Hydrostatic 3060#.

DST #2 (5884' - 5950')

Tool open 23 minutes. Strong blow with gas to surface in 3 minutes, oil to surface in 17 minutes. Recovered 270' 9.3#/gal. salt water.  
30 minutes ISIP 2078#, BHFP 880#-1190#, 1 hour PSIP 2100#, Hydrostatic 2980#.

ACID JOB #1

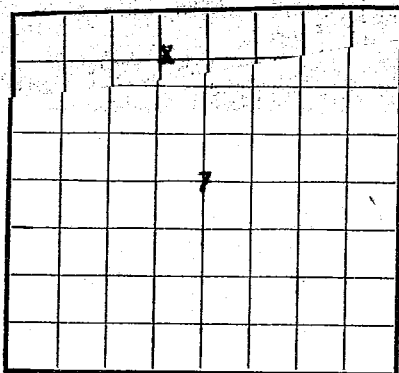
Washed above perforations with 500 gallons mud acid through 2½" tubing hung at 5940'. Pumped acid into formation with max. press. 4000#/1000#. Flowed 53 bbls. in 2 hours through 24/64" choke, press. 500#/Pkr., grav. 41.6, cut 0.4% BS&B 26 BPH or 631 BPDR.

ACID JOB #2

Acidized above perforations with 10,000 gallons Jel-X-100 retarded acid through 2½" tubing hung at 5940'. Pumped acid into formation with max. press. 2900#/1500#.

INITIAL FLOW TEST

Flowed 312 bbls. in 9 hours through 22/64" choke, press. 450#/0#, grav. 39.0, cut 7% salt water. 35 BPH or 833 BPDR.

U. S. LAND OFFICE Window Rock  
SERIAL NUMBER 14-20-603-368  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_

LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

Company The Superior Oil Company Address P. O. Box 276, Cortez, Colorado  
Lessor or Tract Navajo Field Satherford State Utah  
Well No. B-6 Sec. 7 T. 41S R. 24E Meridian Salt Lake County San Juan  
Location 710 ft. N. of N. Line and 1820 E. of W. Line of Sec. 7 Elevation 4936 KB  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed E. E. Nugent  
Date November 15, 1957 Title Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling September 3, 1957 Finished drilling October 17, 1957.

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5772 to 5940 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

## CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	32.75	8RD	Sals.	897'	Float	None			surface
7"	20.23	8RD	Sals.	5990'	Float	None	5772	5775	Water String
							5794	5814	
							5854	5900	
							5911	5915	
							5919	5940	

## MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	897'	425	Pump & Plug		
7"	5990'	900	Pump & Plug		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

#### TOOLS USED

Rotary tools were used from 0 feet to 5990 TD feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

#### DATES

~~November 15~~, 1957

Put to producing ~~October 17~~, 1957

The production for the first 24 hours was 833 barrels of fluid of which 93 % was oil; -- % emulsion; 7 % water; and -- % sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

#### EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

#### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		2892	De Chelly
		3022	Organ Rock
		4787	Hermosa
		5600	Upper Boundary Butte
		5752	Paradox Shale
		5464	Lower Boundary Butte
		5944	Chimney Rock
		5990	Total Depth

[OVER]

16-43094-4



(SUBMIT IN TRIPLICATE)

X		
	7	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock  
Allottee Navajo  
Lease No. 14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 25, 19 59

Navajo 'B'  
Well No. #21-7 is located 710 ft. from [N] line and 1820 ft. from [K] line of sec. 7

<u>NE NW Sec. 7</u> (¼ Sec. and Sec. No.)	<u>41S</u> (Twp.)	<u>24E</u> (Range)	<u>SL</u> (Meridian)
<u>Ratherford</u> (Field)	<u>San Juan</u> (County or Subdivision)	<u>Utah</u> (State or Territory)	

The elevation of ~~subdivision line~~ above sea level is 4936 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Report of Workover - April 23, 1959, through May 20, 1959.

4-26-59: Squeezed perfs 5854'-5940' with 200 sacks diesel oil cement.

Cleaned out cement to 5955'.

D. O. squeeze failed to shut off water.

5-4-59: Pumped 8 bbls lease crude through perfs @ 2500#/P. Max. Press. Failed to break formation.

5-5-59: Acid Job #3: Acidized with 250 gals Mud acid 2500#/P Max. Press.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address P. O. Drawer G

Cortez, Colorado

By D. D. Kingman  
D. D. Kingman

Title engineer

**BK 5-6-59:** Squeezed perfs 5854'-5940' with 30 sacks of Latex cement. 4500#/P. Max. Press.

Cleaned out cement to 5877'.

**5-13-59:** Perforated 5854' - 5874'.

**5-13-59:** AciddJob #4: (Perfs 5854'-5874') 250 gals Mud acid Max. Press. 3000#/P.

**5-15-59:** Acid Job #5: (Perfs 5772'-5814') 500 gals Mud acid Max. Press. 2500#/2500#.

**5-15-59:** Acid Job #6: (Perfs 5772'-5814') 3500 gals ret. acid. Max. Press. 4000#/2000

Perforations Now Open: 5772'-75', 5794'-5814', 5854'-5874'.

Present P.B.T.D.: 5877'.

Tubing: 2 1/2" hung at 5872'.

Initial Production: 5-21-59: Pumped 102 bbls fluid in 13 hours.  
Gravity 40.7, cut 0.5%, 380#/750#, 12-54" SPM  
7.85 BPH or 188 BPD rate.

MAY 28 1959

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock  
Allottee Navajo  
Lease No. 14-20-603-368

X		
	7	

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	X	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
Notice of Intention to Recomplete.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 18, 19 60

Navajo 'B'  
Well No. #21-7 is located 710 ft. from N line and 1820 ft. from W line of sec. 7

NE NW Section 7      41S      24E      SLM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Ratherford      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~surface~~ above sea level is 4936 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to perforate the following intervals in the Ismay Zone with 4 jets per foot:

5714-18'      4'  
5720-38'      18'

Propose to acidize with 500 gallons breakdown acid followed with 3500 gallons retarded acid.

Ismay and Desert Creek production will be comingled.

Verbal approval by: P. T. McGrath 3-18-60  
C. B. Feight 3-18-60

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company  
Address P. O. Drawer G  
Cortez, Colorado  
By D. D. Kingman  
Title Engineer

(SUBMIT IN TRIPLICATE)

Indian Agency \_\_\_\_\_

X			
	7		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Window Rock

Allottee Navajo

Lease No. 14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 24, 1960

Navajo 'B'  
Well No. #21-7 is located 710 ft. from <sup>[N]</sup>~~[E]~~ line and 1820 ft. from <sup>[E]</sup>~~[W]~~ line of sec. 7

NE NW Sec. 7 (1/4 Sec. and Sec. No.) 41S (Twp.) 24E (Range) S1E4M (Meridian)  
Ratherford (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the ~~surface~~ above sea level is 4936 ft. K.B.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

3-22-60 Perforated Ismay Zone 5714'-18', 5720'-38' with 4 jets per foot. Set retrievable bridge plug at 5755'.

Acidized perms 5714'-38' with 500 gallons Spearhead acid. Maximum and final pressure 2000#/1200#.

Acidised perms 5714'-38' with 3500 gallons retarded acid. Maximum and final pressure 3700#/1200#.

3-24-60 Perfs 5714'-38'. Flowed 236 barrels in 12 hours. Gravity 41.3°, cut 0.8%, 360#/pkr., chokes 24/64" to 18/64" 472 BPD rate.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Superior Oil Company

Address P.O. Drawer G

Cortez, Colorado

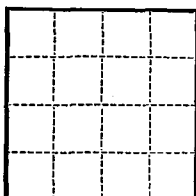
By D. D. Kingman

Title Engineer

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency .....  
Window Rock  
Allottee Navajo  
Lease No. 14-20-603-368



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
Notice of Intention to Pull Re-	<b>X</b>		

trievable bridge plug and  
open additional perforations.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

February 1, 1962

Ratherford Unit  
Well No. 7-21 is located 710 ft. from N line and 1820 ft. from W line of sec. 7  
(Formerly Superior Oil Co. Navajo B-6)  
NE NW, Sec. 7 41S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Greater Aneth San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing

The elevation of the ~~shrink floor~~ above sea level is 4936 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pull Baker Retrievable bridge plug, set at 5755', to open Desert Creek zone perforations from 5772-5814' and 5854-5874', and place on pump to commingle Ismay zone perforations from 5714-38'. Previous Production: Well ceased to flow.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150

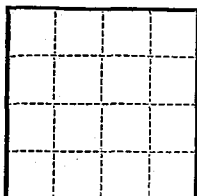
Cortez, Colorado

By C. M. Bolus  
Title District Superintendent

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_  
Window Rock \_\_\_\_\_  
Allottee Nava jo \_\_\_\_\_  
Lease No. 14-20-603-368 \_\_\_\_\_



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Pulling Re- trievable bridge plug & giving additional perforations	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 3, 19 62

Rutherford Unit

Well No. 7-21 is located 710 ft. from [N] line and 1820 ft. from [W] line of sec. 7  
(Formerly Superior Oil Co Nava jo B-6)

NE NW, Sec. 7 41S 24E 51M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Greater Aneth San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

Kelly Bushing

The elevation of the derrick floor above sea level is 4936 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Pulled Baker retrievable bridge plug, ran tubing and rods and placed on pump Feb. 7, 1962.

Previous Production: Ceased to flow from Ismay zone of Paradox.

Present Production: Pump Test 2/14/62 178 BO, 59 MCF Gas, 4 BW, from Ismay and Desert Creek zones through casing perforations 5714-38', 5772-5814', 5854-5874'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company PHILLIPS PETROLEUM COMPANY

Address P. O. Drawer 1150

Cortez, Colorado

By

C. M. Boles

Title District Superintendent



PHILLIPS PETROLEUM COMPANY  
BARTLESVILLE, OKLAHOMA

November 30, 1964

Ratherford Unit, San Juan County,  
Utah - Pressure Maintenance -  
Expansion of Injection Program

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah

Attention Mr. Cleon B. Feight

Gentlemen:

The Oil and Gas Conservation Commission of the State of Utah by its order entered in Cause 63 dated September 13, 1961, approved Phillips Petroleum Company's application for approval of a pressure maintenance program for the Ratherford Unit. Subsequent approvals have been given for modifications in the injection program as originally submitted, the last such approval was granted on April 13, 1964, relative to Phillips' submittal of April 2, 1964.

Pursuant to Item 3 of the Commission's letter of September 13, 1961, Phillips Petroleum Company respectfully requests that the Commission, or its designated representative, approve the following changes in the pressure maintenance program:

1. Convert to injection service wells Nos. 7-21, 7-43, 12-44, 18-21, 20-21, 29-41, 21-23, 16-41, and 15-41. (See attached plat.)
2. Attempt to inject 52,000 to 56,000 barrels of water per day to replace about 120% of reservoir voidage on a current basis.

All work for which you have given prior approval has been completed. Nevertheless, existing injection wells will not accept a sufficient volume of water to permit realization of the goal outlined above in Item 2. For this reason, conversion of additional wells to injection service is proposed. No need for other modification of the pressure maintenance program is indicated at this time.

A majority of the Working Interest Owners in the Ratherford Unit have approved this proposal. Your approval is solicited.

Respectfully submitted,

Earl Griffin, Manager  
Production Division

JEC:emm  
Attach.

December 8, 1964

Phillips Petroleum Company  
Bartlesville,  
Oklahoma

Attention: Mr. Earl Griffin, Manager Prod. Division

Dear Sir:

The following changes in your pressure maintenance program for the Rutherford Field are hereby approved as per your request.

1. Convert to injection service wells nos. 7-21, 7-43, 12-44, 18-21, 20-21, 29-41, 21-23, 16-41, and 15-41.
2. Attempt to inject 52,000 to 56,000 barrels of water per day to replace about 120% of reservoir voidage on a current basis.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

cbf;kgw



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-368</b>
2. NAME OF OPERATOR <b>Phillips Petroleum Co.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>Drawer 1150, Cortez, Colorado 81321</b>		7. UNIT AGREEMENT NAME <b>SW-I-4192</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>710' from North Line, 1820' from West line NE NW Section 7</b>		8. FARM OR LEASE NAME <b>Ratherford Unit</b>
14. PERMIT NO. <b>KB 49361</b>		9. WELL NO. <b>7-21</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT <b>Greater Aneth</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>7-41S-24E SIM</b>
		12. COUNTY <b>SAN JUAN</b> 13. STATE <b>Utah</b>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) **Convert to Water Injection**☒

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
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FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
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(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Pull pumping equipment. Squeeze cement Ismay perforations from 5714-18', 5720-38' with 200 sacks cement. If communications exist between above Ismay perforations and Desert Creek perforations from 5772-75', 5794-5814', 5854-74', reperforate Desert Creek from 5794-5800', 5808-14' and 5854-70' with 2 jet shots per foot. Run Marlex lined tubing, acidize above perforations with approximately 3,000 gallons acid, and convert to Water Injection.

Present Production: 12-3-64: 164 BOPD 202 MCFGPD 69 EMPD

18. I hereby certify that the foregoing is true and correct

SIGNED

**C. H. Polan**

TITLE

**Area Superintendent**

DATE

**1/11/65**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-368	
2. NAME OF OPERATOR Phillips Petroleum Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
3. ADDRESS OF OPERATOR Drawer 1150, Cortez, Colorado		7. UNIT AGREEMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 710' FNL, 1820' FWL, NE NW Section 7		8. FARM OR LEASE NAME Rutherford Unit	
14. PERMIT NO.		9. WELL NO. 7W21	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) KB 4936'		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 7-41S-24E SIM	
		12. COUNTY <del>San Juan</del> 13. STATE San Juan Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Convert to Water Injection

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5-21-65 through 6-1-65:

Moved in well service unit, pulled rods and tubing, tested Ismay perforations 5714-18' and 5720-38', took 3-3/4 BPM, no pressure. Set magnesium Bridge Plug at 5750', packer at 5695', squeezed Ismay perforations 5714-18' and 5720-38' with 100 sacks regular cement to 1500#. Circulated out 20 sacks cement. Washed out cement from 5695' to bridge plug at 5750', tested perforations to 600# - held O.K. Ran 6-1/8" bit on tubing, drilled bridge plug at 5750', drilled and pushed bridge plug to 5875'. No cement in hole below bridge plug. Ran 2 1/2" tubing with tension packer, set at 5747'. Acidized well with 2500 gallons regular 15% acid, 300 gallons Jel X-830 block, 200 gallons regular acid. Hooked well up for water injection, started injecting water 5-27-65. Changed well classification from oil well to water injection well and number from 7-21 to 7W21 effective 5-27-65.

PREVIOUS PRODUCTION, Desert Creek and Ismay Zones, Paradox Formation, Greater Aneth Field:

137 BOPD, 215 MCFGPD, 79 BWPD.

PRESENT INJECTION RATE: Desert Creek Zone, Paradox Formation, Greater Aneth Field:

Injected 2500 BWPD on vacuum.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Bolen

TITLE

District Superintendent

DATE

6-24-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection Well</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-368</b>	
2. NAME OF OPERATOR <b>Phillips Petroleum Co.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo Tribal</b>	
3. ADDRESS OF OPERATOR <b>Drawer 1150, Cortez, Colorado</b>		7. UNIT AGREEMENT NAME <b>SW-I-4192</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>710' FNL, 1820' FNL, NE NW Section 7</b>		8. FARM OR LEASE NAME <b>Rutherford Unit</b>	
14. PERMIT NO.		9. WELL NO. <b>7W21</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB 4936'</b>		10. FIELD AND POOL, OR WILDCAT <b>Greater Aneth</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>7-418-24E SIM</b>	
		12. COUNTY OR PARISH <b>San Juan</b>	
		13. STATE <b>Utah</b>	

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐**Convert to Water Injection X**  
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**5-21-65 through 6-1-65:**

Moved in well service unit, pulled rods and tubing, tested Ismay perforations 5714-18' and 5720-38', took 3-3/4 BPM, no pressure. Set magnesium Bridge Plug at 5750', packer at 5695', squeezed Ismay perforations 5714-18 and 5720-38' with 100 sacks regular cement to 1500#. Circulated out 20 sacks cement. Washed out cement from 5695' to bridge plug at 5750', tested perforations to 600# - held O.K. Ran 6-1/8" bit on tubing, drilled bridge plug at 5750', drilled and pushed bridge plug to 5675'. No cement in hole below bridge plug. Ran 2 1/2" tubing with tension packer, set at 5747'. Acidized well with 2500 gallons regular 15% acid, 300 gallons Jel X-830 block, 200 gallons regular acid. Hooked well up for water injection, started injecting water 5-27-65. Changed well classification from oil well to water injection well and number from 7-21 to 7W21 effective 5-27-65.

PREVIOUS PRODUCTION, Desert Creek and Ismay Zones, Paradox Formation, Greater Aneth Field:

**137 BOPD, 215 MCFGPD, 79 BWPD.**

PRESENT INJECTION RATE: Desert Creek Zone, Paradox Formation, Greater Aneth Field:

**Injected 2500 BWPD on vacuum.**

18. I hereby certify that the foregoing is true and correct

SIGNED

**C. H. Boles**

TITLE

**District Superintendent**

DATE

**6-24-65**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN ☐ STATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.**CORRECTED****SUNDRY NOTICES AND REPORTS ON WELLS**(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection Well</b>	7. UNIT AGREEMENT NAME <b>SW-I-4192</b>
2. NAME OF OPERATOR <b>Phillips Petroleum Co. Superior</b>	8. FARM OR LEASE NAME <b>Rutherford Unit</b>
3. ADDRESS OF OPERATOR <b>Drawer 1150, Cortez, Colorado 81321</b>	9. WELL NO. <b>7-21</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>710' FWL, 1820' FWL, NE NW Section 7</b>	10. FIELD AND POOL, OR WILDCAT <b>Greater Aneth</b>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB 4936'</b>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>7-413-24E SIM</b>	12. COUNTY OR <del>AREA</del> <b>San Juan</b>
	13. STATE <b>Utah</b>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) **Convert to Water Injection** ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**5-21-65 through 6-1-65:**

Moved in well service unit, pulled rods and tubing, tested Ismay perforations 5714-18' and 5720-38', took 3-3/4 BPM, no pressure. Set magnesium Bridge Plug at 5750', packer at 5695', squeezed Ismay perforations 5714-18 and 5720-38' with 100 sacks regular cement to 1500#. Circulated out 20 sacks cement. Washed out cement from 5695' to bridge plug at 5750', tested perforations to 600# - held O.K. Ran 6-1/8" bit on tubing, drilled bridge plug at 5750', drilled and pushed bridge plug to 5875'. No cement in hole below bridge plug. Ran 2 1/2" tubing with tension packer, set at 5747'. Acidized well with 2500 gallons regular 15% acid, 300 gallons Jel X-330 block, 2500 gallons regular acid. Hooked well up for water injection, started injecting water 5-27-65. Changed well classification from oil well to water injection well and number from 7-21 to 7-21 effective 5-27-65.

PREVIOUS PRODUCTION: Desert Creek and Ismay Zones, Paradox Formation, Greater Aneth Field:

137 BOPD, 215 MCFOPD, 79 INPD

PRESENT INJECTION RATH Desert Creek Zone, Paradox Formation, Greater Aneth Field:

Injected 2500 INPD on vacuum.

**CORRECTED TO SHOW WELL ACIDIZED WITH 2500 GALS REG 15% ACID, 300 GALS BLOCK, 2500 GALS REG. ACID.**

SIGNED

**C. M. Boles**

TITLE

**District Superintendent**

DATE

**6-29-65**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN **REPLICATE\***  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Water Injection</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-368</b>
2. NAME OF OPERATOR <b>Phillips Petroleum Co.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>Drawer 1150, Cortez, Colorado 81321</b>		7. UNIT AGREEMENT NAME <b>SM-I-4192</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <b>710' FWL; 1820' FWL - NE, NW Section 7</b>		8. FARM OR LEASE NAME <b>Rutherford Unit</b>
14. PERMIT NO.		9. WELL NO. <b>7421</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>ED 4996'</b>		10. FIELD AND POOL, OR WILDCAT <b>Greater Aneth</b>
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA <b>7-41E-24N 31N</b>
		12. COUNTY <b>San Juan</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

**Acidize well with 3000 gallons 15% acid and return to injection.****Present Injection rate: 361 BWPD @ 415#.**

18. I hereby certify that the foregoing is true and correct

SIGNED **C. H. Nelson**

TITLE

**Dist. Supt.**

DATE

**3-8-67**

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <b>Water Injection Well</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-403-368</b>
2. NAME OF OPERATOR <b>Phillips Petroleum Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>Navajo</b>
3. ADDRESS OF OPERATOR <b>Box 1150, Cortez, Colorado 81321</b>		7. UNIT AGREEMENT NAME <b>W-1-4192</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>710' FWL; 1820' FWL - NE, NW Section 7</b>		8. FARM OR LEASE NAME <b>Rutherford Unit</b>
14. PERMIT NO.		9. WELL NO. <b>7W21</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>KB 4936'</b>		10. FIELD AND POOL, OR WILDCAT <b>Greater Aneth</b>
		11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA <b>7-419-243 NE4</b>
		12. COUNTY OR PARISH <b>San Juan</b>
		13. STATE <b>Utah</b>

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On March 16, 1967 acidized Desert Creek Zone II perforations with 5000 gallons 15% regular acid in two equal stages separated by 1000 gallons salt plug. Resumed injection.

Previous Injection Rate: 361 BWPD at 415%.

Present Injection Rate: 3500 BWPD on vacuum.

## 18. I hereby certify that the foregoing is true and correct.

SIGNED

C. M. Solas

TITLE

Dist. Supt.

DATE

4-11-67

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

7N21

10. FIELD AND POOL, OR WILDCAT

Greater Ansteth

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

7-419-243

S.L.M.

12. COUNTY

San Juan

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1.

OIL  
WELL☐GAS  
WELL☐

OTHER

Water Injection

2. NAME OF OPERATOR

Phillips Petroleum Co.

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

710' FWL; 1020' FWL, NE NW Sec. 7

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4936 KB

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

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## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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☐  
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Acidize with 4,000 gallons 15% acid in 2 stages.

Present Injection Rate: Average 1029 BWPD at 1450# during February 1969.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. H. Bolen

TITLE

Dist. Supt.

DATE

3-27-69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Orig. & 2 cc: USGS, Farmington, NM  
2 cc: Utah O&GCC, Salt Lake City  
1 cc: Bville  
1 cc: Denver  
1 cc: File

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>14-20-603-368</b>
2. NAME OF OPERATOR <b>Water Injection Well</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>None</b>
3. ADDRESS OF OPERATOR <b>Phillips Petroleum Company</b>		7. UNIT AGREEMENT NAME <b>None</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>P. O. Drawer 1130, Cortez, Colorado 81321</b>		8. FARM OR LEASE NAME <b>St-I-4192</b>
14. PERMIT NO.		9. WELL NO. <b>Ratherford Unit</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>710' FNL; 1820' FWL, NE 1/4 Sec. 7</b>		10. FIELD AND POOL, OR WILDCAT <b>7421</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Greater Ruth</b>
		12. COUNTY OR PARISH <b>7-11-24 S.L.N.</b>
		13. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On April 17, 1969 acidized Desert Creek Zone I and II perforations 5772-75, 5794-5814, and 5854-74' with 4000 gallons 15% acid in two equal 2000 gallon stages separated by 1000 gallons salt plug. Resumed injection.

PREVIOUS INJECTION RATE: Injected 1006 BW in 24 hours at 1510%.

PRESENT INJECTION RATE: Injected 3500 BW in 24 hours on vacuum.

18. I hereby certify that the foregoing is true and correct

SIGNED C. M. Boles TITLE District Superintendent DATE 5-19-69

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Orig & 2 cc: USGS, Farmington NM

2 cc: Utah O&GCC, Salt Lake City

1 cc: Denver

1 cc: Superior, Cortez

1 cc: File

\*See Instructions on Reverse Side



STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1  
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF  
PHILLIPS PETROLEUM COMPANY

CAUSE NO. C-3(B)

ADDRESS P.O. BOX 2920  
CASPER, WYOMING ZIP 82602  
INDIVIDUAL PARTNERSHIP ☒ CORPORATION  
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE 7W21 WELL  
SEC. 7 TWP. 41S RANGE 24E  
SAN JUAN COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒  
DISPOSAL WELL ☐  
LP GAS STORAGE ☐  
EXISTING WELL (RULE I-4) ☒

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name Ratherford Unit	Well No. 7W21	Field Greater Aneth	County San Juan
Location of Enhanced Recovery Injection or Disposal Well 7W21 Sec. 7 Twp. 41S Rge. 24E			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date 5-83	
Depth-Base Lowest Known Wingate Fresh Water Within 1/2 Mile 1550'	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) Desert Creek Paradox I & II San Juan River	Geologic Name(s) and Depth of Source(s) Desert Creek (5567') San Juan River (Surface)		
Geologic Name of Injection Zone Desert Creek I & II	Depth of Injection Interval 5772 to 5874		
a. Top of the Perforated Interval: 5772	b. Base of Fresh Water: 1550'	c. Intervening Thickness (a minus b) 4222'	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO See Attachment #4			
Lithology of Intervening Zones See Attachment #1			
Injection Rates and Pressures SD 7/1/79 Maximum B/D PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. Navajo Tribe, Minerals Dept., P.O. Box 146, Window Rock, AZ 86515 Superior Oil, P.O. Box 4530, The Woodlands, TX 77380 Texaco Inc., P.O. Box 2100, Denver, CO 80201 Southland Royalty, 1000 Fort Worth Club Tower, Fort Worth, TX 76102			

State of Wyoming

PHILLIPS PETROLEUM COMPANY

County of Natrona

Applicant

Before me, the undersigned authority, on this day personally appeared A. E. Stuart known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 21st day of Sept, 19 83

SEAL

My commission expires

DONALD L. HUDSON - Notary Public

County of

State of

My Commission Expires Nov. 3, 1986

Notary Public in and for Natrona Co., Wyoming

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

## CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	886'	425	Surface	Returns
Intermediate NONE					
Production	7"	5979.47'	900	3700	Temp. Survey
Tubing	2-1/2"	5747	Baker	Name - Type - Depth of Tubing Packer "A" Tension Pkr 5747'	
Total Depth PBDT 5875'	Geologic Name - Inj. Zone Desert Creek I & II		Depth - Top of Inj. Interval 5772'		Depth - Base of Inj. Interval 5874'

14-20-603- 368

(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

LEASE NO.

API NO. 43-037-16394

640 Acres  
N

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY San Juan SEC. 7 TWP. 41S RGE. 24E

COMPANY OPERATING Phillips Petroleum Company

OFFICE ADDRESS P.O. Box 2920

TOWN Casper STATE WY ZIP 82602

FARM NAME \_\_\_\_\_ WELL NO. 7W21

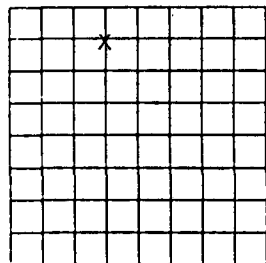
DRILLING STARTED 10-3-57 DRILLING FINISHED 10-17-57

DATE OF FIRST PRODUCTION 10-17-57 COMPLETED 10-17-57

WELL LOCATED N 1/4 NE 1/4 NW 1/4 SE 1/4 SW 1/4

710 FT. FROM SE OF 1/4 SEC. & 1820 FT. FROM WL OF 1/4 SEC.

ELEVATION 4936' GROUND 4921'



Locate Well Correctly  
and Outline Lease

RKB

TYPE COMPLETION

Single Zone \_\_\_\_\_

Multiple Zone X

Comingled \_\_\_\_\_

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5714	5738			
Desert Creek I	5772	--			
Desert Creek II	--	5940			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	32.75#	H-40	886	800	425	--	Surface
7"	23#	J-55	1625.23	800	900	2700	3700
	23#	N-80	209.29	5996.71			
	20. #	J-55	4135.19				

TOTAL DEPTH 5957'

PACKERS SET Baker "A" Type Tension Pkr @ 5747'  
DEPTH

NOTE THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Desert Creek I & II		
SPACING & SPACING ORDER NO.	40 acre Cause #C-3(B)		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	5772-75		
INTERVALS	5794-5814		
	5854-74		
ACIDIZED?	4/17/69 4000 Gal 15% HCL		
FRACTURE TREATED?	No		

INITIAL TEST DATA

Converted to Injector 6/1/65

Date	6/1/65		
Oil, bbl./day	--		
Oil Gravity	--		
Gas, Cu. Ft./day	--	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	--		
Water-Bbl./day	2500		
Pumping or Flowing	Vacuum		
CHOKE SIZE	--		
FLOW TUBING PRESSURE	--		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.  
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 307-237-3791

A.E. Stuart, Area Manager

Name and title of representative of company

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_, 19 83

SEP 22 '83

WELL: 7W21  
LOCATION: NENW Sec. 7: T41S- R24E  
FIELD: GREATER ANCH  
RESERVOIR: Desert Creek I+II

W. COMPLETION: 6.1.65  
PRESENT STATUS: S.I.

RKB 4936'  
GL 4921'

SURFACE CASING: 10<sup>3</sup>/<sub>4</sub>" 32.75#  
H-40

PRODUCTION CASING: 7"; 23#-J55-  
1652', 23#-N80-209', 20#-J55-  
4135'

PERFORATIONS: \_\_\_\_\_  
5772-75  
5794-5814  
5854-74  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PACKER: Baker model "A"  
Tension Pkr @ 5747'  
Tubing: 2<sup>1</sup>/<sub>2</sub>" @ 5747'

3700'

5747'

5772'

5774'

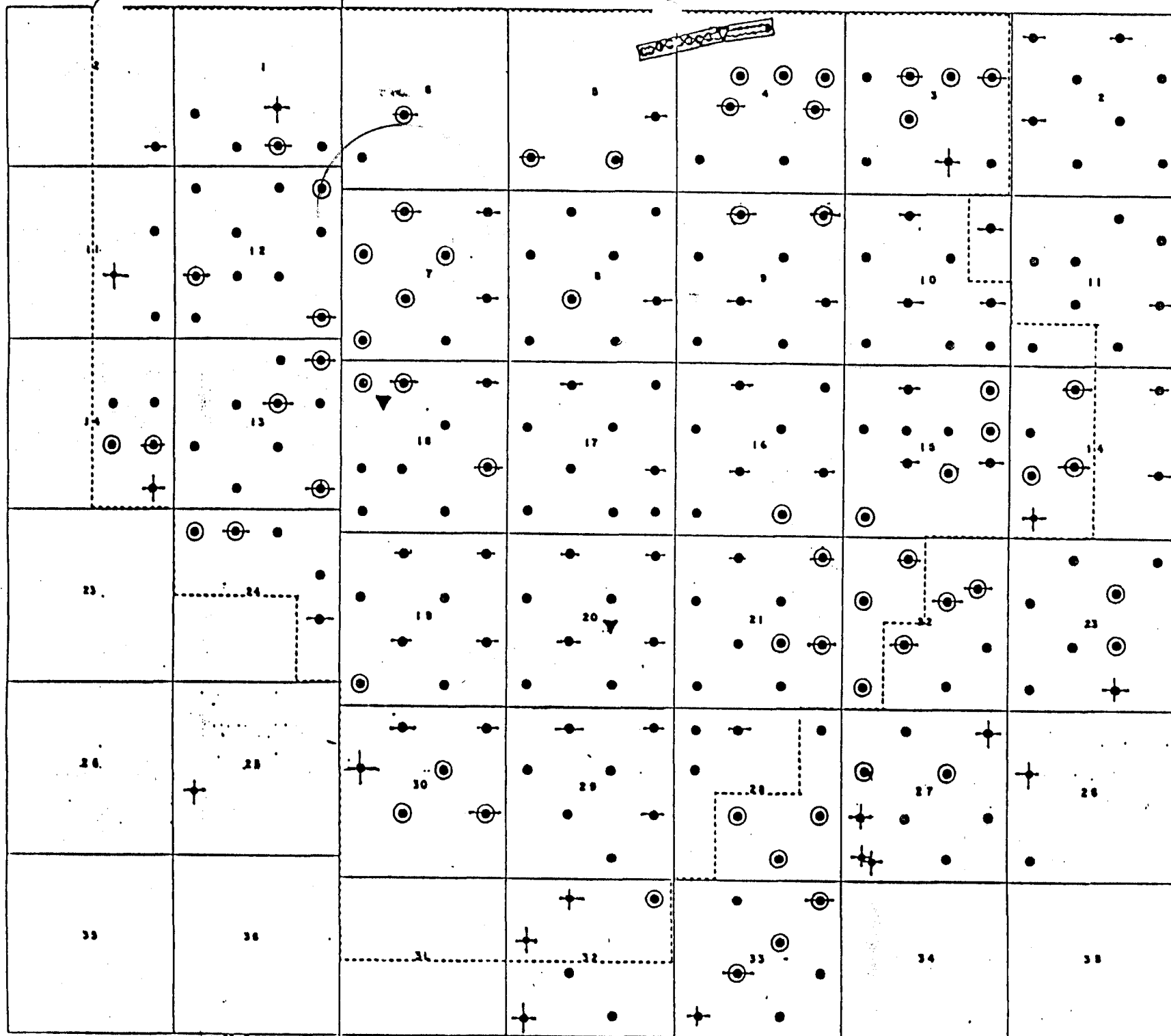
PBTD: 5957'  
OTD: 5996.7'

5996.7'

Phillips Petroleum Company

R-23-E

R-24-E



RATHERFORD UNIT  
 SAN JUAN COUNTY, UTAH  
 2" = 1 mile  
 RCT 3-83

- oil producer
- water injector
- water supply
- ▼ domestic water
- ✕ plugged & abandoned
- shut in well
- unit boundary

WATER INJECTION WELL

## CHEMICAL &amp; GEOLOGICAL LABORATORIES

P. O. Box 2794

Casper, Wyoming

## WATER ANALYSIS REPORT

OPERATOR Phillips Petroleum Co. DATE 5-27-83 LAB NO. W30480  
 WELL NO. Rutherford Unit LOCATION \_\_\_\_\_  
 FIELD \_\_\_\_\_ FORMATION \_\_\_\_\_  
 COUNTY San Juan INTERVAL \_\_\_\_\_  
 STATE Utah SAMPLE FROM \_\_\_\_\_

REMARKS & CONCLUSIONS: Specific gravity @68°F ----- 1.0646  
 Oil and grease, mg/l ----- 2.5  
 Aluminum (Al), mg/l ----- 0.90  
 Iron (Fe), mg/l ----- 0.3  
 Total Sulfides, mg/l ----- ND(0.1)

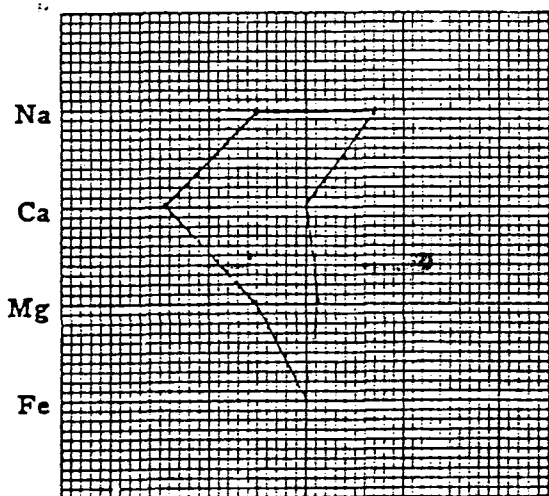
Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	24574	1068.99	Sulfate	1190	24.75
Potassium	396	10.14	Chloride	52000	1466.40
Lithium	-	-	Carbonate	0	0.00
Calcium	5982	298.50	Bicarbonate	190	3.12
Magnesium	1419	116.64	Hydroxide	-	-
Iron	-	-	Hydrogen sulfide	-	-
Total Cations		1494.27	Total Anions		1494.27

Total dissolved solids, mg/l ----- 85655  
 NaCl equivalent, mg/l ----- 86344  
 Observed pH ----- 7.4

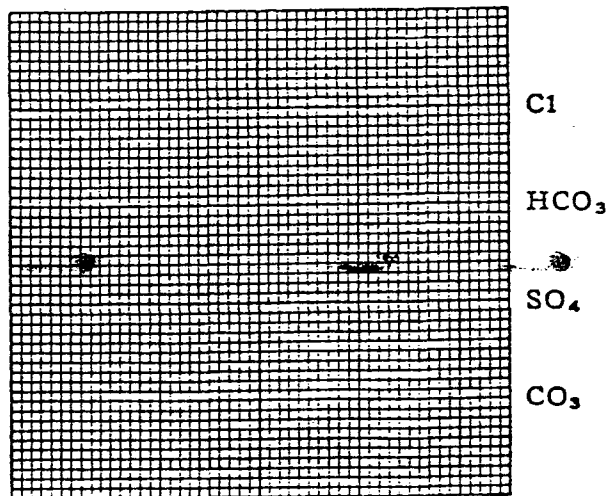
Specific resistance @ 68°F.:  
 Observed ----- 0.095 ohm-meters  
 Calculated ----- 0.086 ohm-meters

## WATER ANALYSIS PATTERN

Sample above described Scale  
 MEQ per Unit



Cl 200  
 HCO<sub>3</sub> 20  
 SO<sub>4</sub> 20  
 CO<sub>3</sub> 20



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l=Milligrams per liter Meq/l= Milligram equivalents per liter

Sodium chloride equivalent=by Dunlap &amp; Hawthorne calculation from components

CL1-12A (REV. 1964).

## CHEMICAL &amp; GEOLOGICAL LABORATORIES

P. O. Box 2794  
Casper, Wyoming

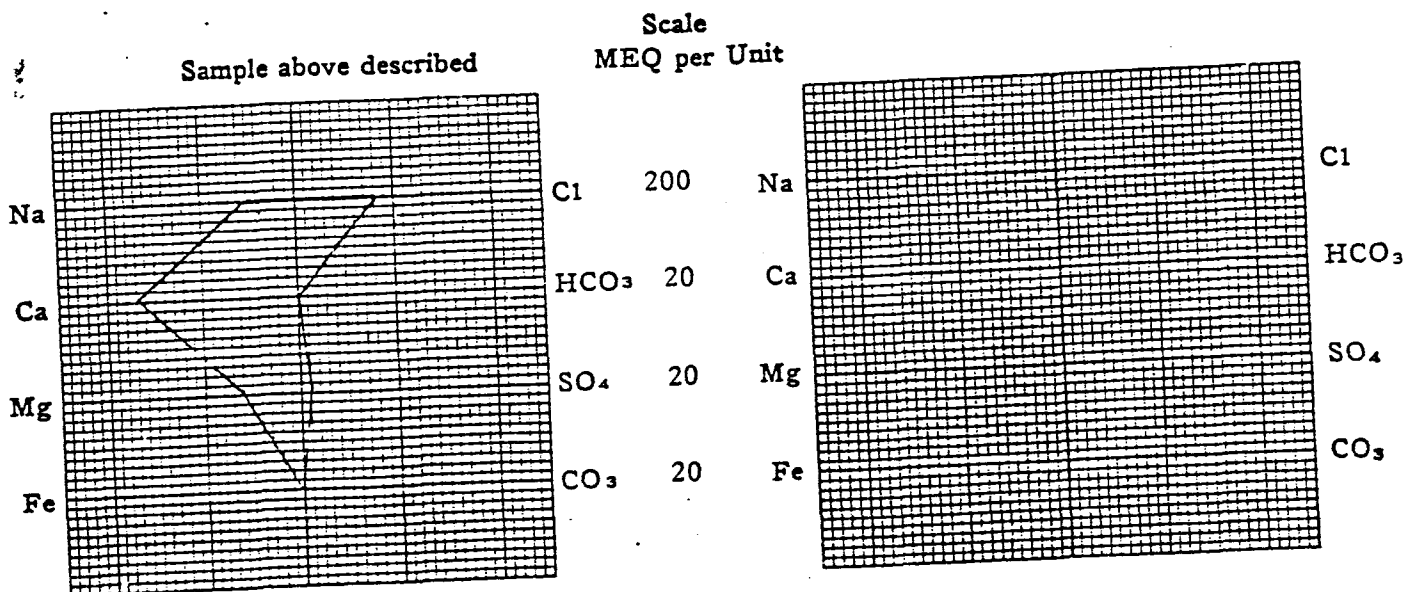
## WATER ANALYSIS REPORT

OPERATOR Phillips Petroleum Company DATE 7-22-83 LAB NO. W30636  
 WELL NO. Ratherford Unit LOCATION \_\_\_\_\_  
 FIELD \_\_\_\_\_ FORMATION \_\_\_\_\_  
 COUNTY San Juan INTERVAL \_\_\_\_\_  
 STATE Utah SAMPLE FROM Battery #1 Free water knockout  
(7-5-83) @ 10:35  
S/N 28568

REMARKS & CONCLUSIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	30147	1311.38	Sulfate	1380	28.70
Potassium	429	10.98	Chloride	63000	1776.60
Lithium	--	--	Carbonate	0	0.00
Calcium	6865	342.56	Bicarbonate	151	2.48
Magnesium	1738	124.86	Hydroxide	--	--
Iron	--	--	Hydrogen sulfide	--	--
Total Cations		1807.78	Total Anions		1807.78
Total dissolved solids, mg/l			Specific resistance @ 68°F.:		
			Observed		
NaCl equivalent, mg/l			Calculated		
Observed pH					

## WATER ANALYSIS PATTERN



(Na value in above graphs includes Na, K, and Li)  
 NOTE: Mg/l = Milligrams per liter Meq/l = Milligram equivalents per liter  
 Sodium chloride equivalent = by Dunlap & Hawthorne calculation from components

\*\*\*\*\*

Operator: Phillips Well No. Rutherford 77W 21  
County: San Juan T 41S R 24E Sec. 7 API# 43-057-16394  
New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well X

NO

✓

✓

6

\_\_\_\_\_

✓

✓

Point Creek

✓

•

TDS 85653

Yes

✓

No

\_\_\_\_\_

TDS/02632

Wingate


Depth

1550

60

Pred.

5

P&A 

Water

Inj. *H*

Yes

NA

L

Yes

No

2

Date \_\_\_\_\_

Type

TOC 3400

*[Handwritten signature]*



UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: Phillips Petroleum Company  
FIELD: Greater Aneth LEASE: Ratherford Unit  
WELL # 7W21 SEC. 7 TOWNSHIP 41S RANGE 24E  
STATE (FED.) FEE SD DEPTH 5875 TYPE WELL INJW MAX. INJ. PRESS. 7/1/79  
TEST DATE 6/17/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10<sup>3</sup>/<sub>4</sub>"</u>	<u>886'</u>	<u>425</u>		<u>5Z</u>	
<u>INTERMEDIATE</u>	<u>None</u>	<u>—</u>	<u>—</u>			
<u>PRODUCTION</u>	<u>7"</u>	<u>5979'</u>	<u>900</u>			
<u>TUBING</u>	<u>2<sup>1</sup>/<sub>2</sub>"</u>	<u>5747</u>				
<u>Baker "A" Tension Pkr at 5747'</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on form 1004-0135)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. NAME OF OPERATOR Phillips Oil Company	
2. ADDRESS OF OPERATOR P.O. Box 2920, Casper, WY 82602	
3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 710' FNL, 1820' FWL, NENW	
4. PERMIT NO. 43-037-16394	5. ELEVATIONS (Show whether SV, ST, OR, etc.) 4936' RKB

6. LEASE REGISTRATION AND SERIAL NO. 14-20-603-368	
7. IF APPLICABLE, ALLOTTEE OR TRUST NAME Navajo	
8. SURVEY AGREEMENT NAME SW-I-4192	
9. NAME OF LEASE NAME Ratherford Unit	
10. WELL NO. 7W21	
11. FIELD AND POOL, OR WILDCAT Greater Aneth	
12. SEC., T., R., OR BLM. AND SURVEY OR AREA Sec. 7-T41S-R24E	
13. COUNTY OR PARISH San Juan	14. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	PLUG OR ALTER CASING
FRACTURE TREAT	MULTIPLE COMPLETION
SHOOT OR ACIDIZE	ABANDON*
REPAIR WELL	CHANGE PLANE
(Other) Plug back to Zone I	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREATMENT	ALTERING CASING
SHOOTING OR ACIDIZING	ABANDONMENT*
(Other)	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

It is proposed to convert Ratherford Unit #7W21 from Zone I and II to Zone I water injection. After plugging back to Zone I, the well will be acidized with 3000 gallons 28% HCL and returned to injection.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 6/12/85  
BY: [Signature]

A 10' x 8' x 6' fenced pit will be constructed on location in a previously disturbed area. Upon completion of the workover, the pit will be dried and recovered.

- 5-BLM, Farmington, NM
- 2-Utah O&G CC, Salt Lake City, Utah
- 1-P. J. Adamson
- 1-B. Conner, 318B-TRW
- 1-J. R. Weichbrodt
- 1-C. M. Anderson
- 1-File RC

18. I hereby certify that the foregoing is true and correct

SIGNED A. E. Stuart TITLE Area Manager DATE June 6, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or reports.

# Mobil Oil Corporation

P.O. BOX 5444  
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth  
Associate Director

RECEIVED  
MAY 16 1986

DIVISION OF  
OIL, GAS & MINING

## SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



CNE/rd  
CNE8661

R. D. Baker  
Environmental Regulatory Manager

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

7W21

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 7-T41S-R24E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ Water Injector

2. NAME OF OPERATOR  
Phillips Petroleum Company

3. ADDRESS OF OPERATOR  
P. O. Box 2920, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

710' FNL & 1820' FWL, NE NW

API #43-037-16394

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

4936' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETION ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOT OR ACIDIZE ☐

ABANDON\* ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) PB to Zone I & Acidize ☒

(Other) ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

June 23, 1986 through August 1, 1986

MI WS Unit 6/23/86. Found hole in csg at surface. Set BP at 1665' to sqz hole. Cmtd w/400 sx Class "B". Drld out cmt to 1391'. Tested sqz to 1200 psi for 15 min. COOH w/BP. GIH w/bit & scraper to 5700'. Tag junk at 5752'. GIH w/fishing tools, recovered all of fish. Cleaned out hole to 5875' PBTD. Set retainer at 5835' to sqz Zone II 5854-5874'. Cmtd w/200 sx Class "B". Tag cmt at 5829'. Acidized Zone I 5772-5814' w/3500 gal 28% HCL. Check injection rate, Ismay & Zone I not communicating. Set EZ SV Cmt Retainer at 5755' to sqz Ismay Perfs 5714-5738'. Cmtd w/100 sx Class "B". Drld cmt retainer & wash to bottom 5835', PBTD. LD 2-7/8" workstring & pkr. Run 178 jts 2-7/8" Duoline Tbg w/Otis Injection Pkr, set pkr at 5752'. NU Wellhead & inj head. Released WS Unit 7/19/86. Returned to Injection 8/1/86, from Desert Creek Zone I Perfs 5772-5814' OA.

Injection Before - Shut-in 7/1/79

Injection After - 26 BWPD at 2050 psi

4-BLM, Farmington, NM  
2-Utah O&G CC, SLC, UT  
1-M. Williams, B'Ville  
1-J. Landrum, Denver  
1-J. Reno, Cortez

1-Chieftain  
1-Mobil Oil  
1-Texaco, Inc.  
1-Chevron USA  
1-File RC

18. I hereby certify that the foregoing is true and correct

SIGNED

*D. C. Gail*

TITLE

Area Manager

DATE

12/4/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER WATER INJECTION & WATER SUPPLY WELLS		5. LEASE DESIGNATION AND SERIAL NO.  SW-I-4192
2. NAME OF OPERATOR PHILLIPS PETROLEUM COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING 82601		7. UNIT AGREEMENT NAME RATHERFORD UNIT #7960041920
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface  <u>SEE ATTACHED</u>		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. VARIOUS (see attached)
15. ELEVATIONS (Show whether OF, BY, OR, etc.) BLM GAS & MINING MAR 20 1989		10. FIELD AND POOL, OR WILDCAT GREATER ANETH
		11. SEC., T., R., M., OR BLM, AND SURVEY OR AREA Sections 1 thru 30 T41S - R23E & 24E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANE <input type="checkbox"/>	(Other) CHANGE OF OWNERSHIP <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) <input type="checkbox"/>			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This is to advise all Water Injection and Water Supply Wells on the Ratherford Unit, listed on the attached sheet, were sold to Phillips Petroleum Company, effective August 1, 1985.

(former Operator - Phillips Oil Company)

3 - BLM, Farmington, NM  
2 - Utah O&G CC, SLC, UT  
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED S. H. Oden TITLE District Superintendent DATE March 17, 1989

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

\*See Instructions on Reverse Side

# DOWN HOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 7W21

RKB Elev. 4936'

GL Elev. 4925'

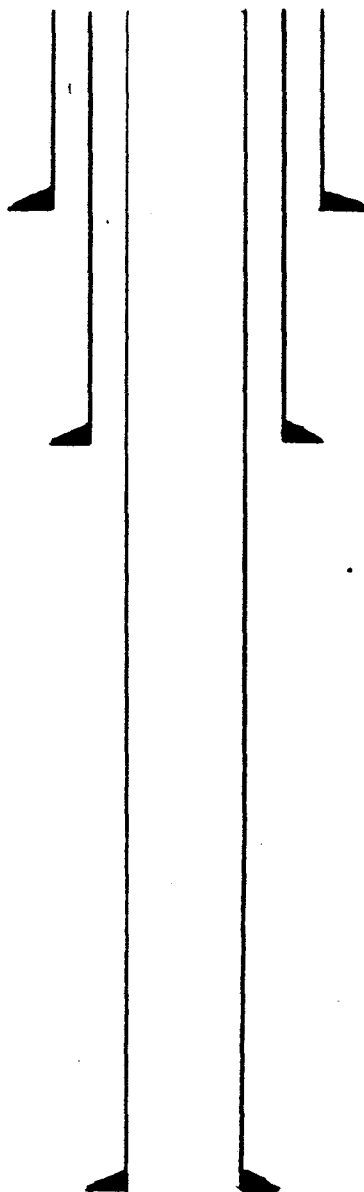
RKB Above GL' 11'

Location NE NW Sec. 7

T41S-R23E

Well Drld 10/17/57

Well converted  
to injector 5/27/65



CONDUCTOR Csg. @

SURFACE Csg. 10<sup>3</sup>/<sub>4</sub> @ 897'

TOC 3700' CALC.

Tubing 2<sup>3</sup>/<sub>8</sub> @ 5763' Duoline HT2

PACKER Otis Inter-lock Packer

@ 5752

PERFS	<u>5772 - 75</u>	<u>_____</u>	<u>_____</u>
	<u>5794 - 5814</u>	<u>_____</u>	<u>_____</u>
	<u>_____</u>	<u>_____</u>	<u>_____</u>
	<u>_____</u>	<u>_____</u>	<u>_____</u>

PBTD 5835'

PRODUCTION Csg. 7" @ 5990'

J-55 #20, #23  
+ N-80

All PERFS Zone I unless noted

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

Budget Bureau No. 1004-0135  
Expires August 31, 1985

6. LEASE DESIGNATION AND SERIAL NO.

14-20-603-368

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Ratherford Unit

9. WELL NO.

7W21

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND  
SUBST OR AREA

Sec. 7-T41S-R24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injector

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 1150, Cortez, CO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

710' FNL & 1820' FWL, NE NW

14. PERMIT NO.

43-037-16394

15. ELEVATIONS (Show whether OF, ST, ON, etc.)

4936' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Clean out well - UIC test

(Note: Report results of multiple completion or Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

March 28, 1990 Through April 2, 1990

MI & RU well service unit 3/28/90. ND WH, NU BOP. Disengaged on/off tool from Otis 7" Interlock pkr, and COOH w/178 jts 2-3/8" Rice Duo-lined tbg. GIH w/on-off tool, bumper sub, hydraulic jars, and workstring and jarred pkr loose. COOH w/workstring & GIH w/6-1/4" bit, 7" csg scraper and brush. Clean out well to PBTD 5835'. COOH w/bit & scraper. GIH w/7" Baker Inverted Lok-set pkr w/on-off tool and expendable test plug and 178 jts 2-3/8" Rice duolined tbg and 4' sub. Set pkr at 5750'. Disengaged on-off tool. Pmpd 217 bbls pkr fluid containing 1 drum WA-840 Well Chem. Engaged on-off tool. ND BOP, NU WH. Pressured annulus to 1000 psi for 45 min for UIC test. OK. Expelled test plug. Hook up inj line. RD & MO well service unit and return well to injection 4/2/90.

Distribution:

5 - BLM, Farmington 1 - Chieftain  
2 - Utah O&GCC 1 - Mobil Oil  
1 - EPA, Denver 1 - Texaco, Inc.  
1 - N. Anstine 1 - Chevron  
1 - V. S. Shaw 1 - PPCo, Houston  
1 - S. H. Oden 1 - PPCo, Cortez, R  
1 - P. J. Konkell

UIC	
GLH	<input checked="" type="checkbox"/>
DJG	<input type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	<input checked="" type="checkbox"/>
MICROFILM	<input type="checkbox"/>
FILE	<input type="checkbox"/>

OIL AND GAS	
ENV	INT
JTD	1 - CHN
INT	SLG
2-TAS	
3 - MICROFILM	DATE April 9, 1990
4 - FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

S. H. Oden

TITLE

District Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

## SUBMIT IN TRIPLICATE

1. Type of Well  
☐ Oil Well ☐ Gas Well ☒ Other Injection2. Name of Operator  
Phillips Petroleum Company3. Address and Telephone No.  
5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-34124. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit C, 710' FNL & 1820' FWL  
Sec. 7, T41S, R24E

5. Lease Designation and Serial No.

14-20-603-368

6. If Indian, Allottee or Tribe Name

Navajo Tribal

7. If Unit or CA, Agreement Designation

Ratherford Unit  
SW-I-4192

8. Well Name and No.

Ratherford Unit #7W21

9. API Well No.

43-037-16394

10. Field and Pool, or Exploratory Area

Greater Aneth

11. County or Parish, State

San Juan, Utah

## 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☐
- Other

- ☐
- Change of Plans
- 
- ☐
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

12-3-91 thru 12-8-91

MI & RU DDU. COOH w/injection equipment. Ran bit and scraper and set pkr @ 5688'. Filled csg annulus and tested to 750 psi - okay. RU Halliburton. Pmpd 4000 gals. 20% HCl acid w/additives and displaced w/50 bbls water @ 2500 psi, 2 bpm. ISIP 2100 psi, 15 minutes 1100 psi. Recovered 417 bbls fluid. Set pkr @ 5720'. Tested to 1000 psi - okay. Disengaged on-off tool. Circ. pkr fluid. ND BOP and NU WH. Flushed inj. line. Pressure annulus to 1000 psi for 45 minutes for MIT test - okay. Expelled tbgt test plug and returned well to injection.

RECEIVED

JAN 15 1992

DIVISION OF  
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Gale Bearden for G. Robinson

Title

Sr. Drlg. &amp; Prod. Engr.

Date

1-8-92

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



STATE OF UTAH  
DIVISION OF OIL, GAS AND MININGPage 1 of 10

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

P J KONKEL  
PHILLIPS PETROLEUM COMPANY  
5525 HWY 64 NBU 3004  
FARMINGTON NM 87401

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF  
OIL, GAS & MININGAMENDED REPORT ☐ (Highlight Changes)

Well Name					Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location						OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23										
4303713754	06280	41S	24E	21	DSCR	POW	29	1374	883	58
#3-44										
4303715031	06280	41S	24E	3	DSCR	POW	30	111	94	2905
#3-14										
4303715124	06280	41S	24E	3	DSCR	POW	30	67	23	302
#9-12										
4303715126	06280	41S	24E	9	DSCR	POW	30	112	654	17363
#9-14										
4303715127	06280	41S	24E	9	DSCR	POW	30	201	315	423
#28-12										
4303715336	06280	41S	24E	28	PRDX	POW	29	112	47	2428
#29-12										
4303715337	06280	41S	24E	29	PRDX	POW	29	56	0	672
#29-32										
4303715339	06280	41S	24E	29	DSCR	POW	29	1402	287	2224
#29-34										
4303715340	06280	41S	24E	29	DSCR	POW	29	757	48	0
#30-32										
4303715342	06280	41S	24E	30	DSCR	POW	29	588	1049	3744
#3-12										
4303715620	06280	41S	24E	3	DSCR	POW	30	268	11	363
#9-34										
4303715711	06280	41S	24E	9	DSCR	POW	30	45	46	9800
#10-12										
4303715712	06280	41S	24E	10	DSCR	POW	30	45	23	1088
TOTALS								5138	3480	41370

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the  
 Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box  
 633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

*Pat Konkell*

Telephone Number: 505 599-3452

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

*L.B. Sheffield*

BRIAN BERRY

~~M E P N A~~ MOBILPOB ~~219031~~ 1807A RENTWY P.O. DRAWER G

DALLAS TX 75221-9031 CORTEZ, Co. 81321

UTAH ACCOUNT NUMBER: N7370

REPORT PERIOD (MONTH/YEAR): 7 / 93

AMENDED REPORT ☐ (Highlight Changes)*\*931006 updated.  
Jee*

ENTITY NUMBER	PRODUCT	GRAVITY	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
		BTU			TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	
05980	OIL			177609	177609	0			
	GAS			72101	66216	5885			
11174	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
TOTALS				249710	243825	5885			

COMMENTS: *PLEASE NOTE ADDRESS change. Robin ~~also~~ PRODUCTION Reports will be compiled and sent from the Cortez, Co. office IN THE FUTURE.*

I hereby certify that this report is true and complete to the best of my knowledge.

Name and Signature:

*Lwell B Sheffield*

Date:

*9/5/93*

Telephone Number:

*303 565 2212  
246 58 2528*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

<p><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</p>		<p>5. LEASE DESIGNATION &amp; SERIAL NO.</p>	
<p>1. OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>		<p>6. IF INDIAN ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL</p>	
<p>2. NAME OF OPERATOR MOBIL OIL CORPORATION</p>		<p>7. UNIT AGREEMENT NAME RATHERFORD UNIT</p>	
<p>3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702</p>		<p>8. FARM OR LEASE NAME</p>	
<p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone</p>		<p>9. WELL NO.</p>	
<p>10. FIELD AND POOL, OR WILDCAT GREATER ANETH</p>		<p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</p>	
<p>14. API NO.</p>		<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.)</p>	
<p>12. COUNTY SAN JUAN</p>		<p>13. STATE UTAH</p>	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

\* Must be accompanied by a cement verification report.

AS OF JULY 1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT.  
ATTACHED ARE THE INDIVIDUAL WELLS.

18. I hereby certify that the foregoing is true and correct

SIGNED Shirley Todd TITLE ENV. & REG TECHNICIAN DATE 9-8-93

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Sept 29, 1993

TO: Lisha Cordova - Utah Mining  
Oil & Gas

FROM: Janice Easley  
BLM Farmington, NM  
505 599-6355

Here is copy of Rutherford Unit  
Successor Operator.

4 pages including this one.

*Phillips Petroleum Unit (GC)*

RECEIVED  
BLM

JUL 27 AM 11:44

Navajo Area Office  
P. O. Box 1060  
Gallup, New Mexico 87305-1060

070 FARMINGTON, NM

ARES/543

JUL 26 1993

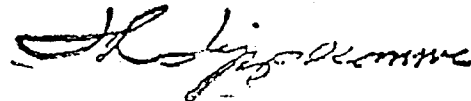
Mr. G. D. Cox  
Mobil Exploration and  
Producing North America, Inc.  
P. O. Box 633  
Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Ratherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,



ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.  
TNN, Director, Minerals Department w/enc.

MINERALS DIVISION
FILE NO. 100
DATE 7/27/93
BY [Signature]
3
2
ALL SUPPLY
FILED

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

RECEIVED  
BLM

DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit, <sup>27 JUL 1993</sup>

AREA OFFICE: Window Rock, Arizona  
LEASE NO: Attached hereto as Exhibit "A"

070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702  
Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

Phillips Petroleum Company

June 17, 1993

By: M. B. [Signature]  
Attorney-in-Fact

Mobil Exploration and Producing  
North America Inc.

June 11, 1993

By: B. D. Martiny  
Attorney-in-Fact B. D. MARTINY

[Signature] ACTING AREA DIRECTOR  
APPROVED BY TITLE DATE  
7/9/93

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

## EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

## EXHIBIT "C"

Revised as of September 29, 1992)  
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

<u>Tract Number</u>	<u>Description of Land</u>	<u>Serial Number and Effective Date of Lease</u>	<u>Tract Percentage Participation</u>
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26, 1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_

☐ Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

☒ Other  
OPERATOR CHANGE  
\_\_\_\_\_  
\_\_\_\_\_

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_  
(API No.) \_\_\_\_\_

1. Date of Phone Call: 10-6-93 : Time: 9:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☒  
Talked to:

Name GLEN COX (Initiated Call ☐ - Phone No. (915) 688-2114

of (Company/Organization) MOBIL

3. Topic of Conversation: OPERATOR CHANGE FROM PHILLIPS TO MOBIL "RATHERFORD UNIT".  
(NEED TO CONFIRM HOW OPERATOR WANTS THE WELLS SET UP - MEPNA AS PER BIA APPROVAL  
OR MOBIL OIL CORPORATION AS PER SUNDRY DATED 9-8-93?)

4. Highlights of Conversation: \_\_\_\_\_  
MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS  
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW  
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.

MEPNA-

PO DRAWER G

CORTEZ, CO 81321

(303) 565-2212

\*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY  
REPORTED OUT OF DALLAS (MCELMO CREEK).



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

OCT 25 1993

## TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

OIL, GAS &amp; MINING

Well name and number: _____	
Field or Unit name: <u>RATHERFORD UNIT</u>	API no. _____
Well location: QQ _____ section _____ township _____ range _____ county _____	
Effective Date of Transfer: <u>July 1, 1993</u>	
<b>CURRENT OPERATOR</b>	
Transfer approved by:	
Name <u>Ed Hasely</u>	Company <u>Phillips Petroleum Company</u>
Signature <u>Ed Hasely</u>	Address <u>5525 HWY. 64</u>
Title <u>Environmental Engineer</u>	<u>Farmington, NM 87401</u>
Date <u>October 22, 1993</u>	Phone ( <u>505</u> ) <u>599-3460</u>
Comments:	
<b>NEW OPERATOR</b>	
Transfer approved by:	
Name <u>Shirley Todd</u>	Company <u>Mobil Exploration &amp; Producing North America</u>
Signature <u>Shirley Todd</u>	Address <u>P O Box 633</u>
Title <u>Env. &amp; Reg. Technician</u>	<u>Midland, TX 79702</u>
Date <u>October 7, 1993</u>	Phone ( <u>915</u> ) <u>688-2585</u>
Comments:	
(State use only)	
Transfer approved by <u>Lisha Cordova</u>	Title <u>REC Manager</u>
Approval Date <u>10-27-93</u>	

Lisha Cordova (801) 538-5340

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF UTAH

APPLICATION OF PHILLIPS PETROLEUM )  
 COMPANY FOR THE APPROVAL OF THE )  
 UNIT OPERATIONS AND PRESSURE MAIN- ) CAUSE NO. 63  
 TENANCE PROGRAM FOR THE RATHERFORD )  
 UNIT IN THE GREATER ANETH AREA, )  
 SAN JUAN COUNTY, UTAH )

ORDER

This Cause came on for hearing before the Oil and Gas Conservation Commission of the State of Utah at 10 o'clock a. m. on Wednesday, September 13, 1961, in the Crystal Room, Hotel Newhouse, Fourth South at Main Street, Salt Lake City, Utah, pursuant to notice duly and regularly given. The entire Commission, except Walter G. Mann, was present, Edward W. Clyde presiding. Appearances were made as follows: Cecil C. Hamilton, attorney, on behalf of Phillips Petroleum Company; Clair H. Senior, attorney, on behalf of Texaco, Inc.; Gordon Mayberry, attorney, on behalf of Continental Oil Company; R. R. Robison on behalf of Shell Oil Company. Others present included Carl Trawick, on behalf of United States Geological Survey; and J. R. White, on behalf of Texaco, Inc.

Evidence in support of the application was introduced by Phillips Petroleum Company, the applicant and Unit Operator of the Ratherford Unit, which embraces as the unit area the following described land in San Juan County, State of Utah, to wit:

TOWNSHIP 41 SOUTH, RANGE 23 EAST, SE1/4

Section 1:	All	Sections 12 and 13:	All
Section 2:	S/2	Section 14:	S/2
Section 11:	E/2	Section 24:	All

TOWNSHIP 41 SOUTH, RANGE 24 EAST, SE1/4

Section 3:	SW/4	Sections 15	
Section 4:	S/2	through 21:	All
Sections 5 through 9:	All	Section 22:	NE/4 and
Section 10:	S/2 and NE/4		W/2 of the
	and W/2 of NE/4		SW/4
Section 11:	S/2 of SW/4	Section 23:	NE/4 and
			W/2 of NE/4
Section 14:	W/2		and W/2 of SW/4
		Section 29 and 30:	All
		Section 31:	W/2
		Section 32:	S/2

R. R. Robison on behalf of Shell Oil Company stated that (as contemplated by paragraph No. 5 of the Commission's order of February 24, 1959, in Cause No. 17 authorizing the drilling of certain test wells) Shell would submit to the Commission, as arbiter, the question as between Shell and Superior Oil Company

of the monetary value, if any, to be attributed to three test wells drilled within the Ratherford Unit area pursuant to said order of February 24, 1959.

No objection to the granting of the application was filed or expressed. The Shell Oil Company, Texaco, Inc. and Continental Oil Company expressed their support of the application of Phillips Petroleum Company.

#### FINDINGS OF FACT

The Commission finds that:

1. The unitized operation of the Ratherford Unit Area will enable pressure maintenance operations to be initiated and permit such Area to be operated in a manner which will prevent waste, protect correlative rights and result in greater ultimate recovery of oil and gas.

2. The Ratherford Unit Agreement has been approved by the various signatory parties as fair, reasonable and acceptable.

3. The water injection pressure maintenance program proposed by the applicant appears to be proper and designed to result in the greatest economic recovery of oil and gas to the end that all concerned, including the general public, may realize and enjoy the greatest good from the oil and gas resources of the unitized lands.

#### ORDER

THEREFORE, IT IS ORDERED BY THE COMMISSION, and subject to its continuing jurisdiction, that:

1. Unit operation of the Ratherford Unit Area under the Ratherford Unit Agreement is approved.

2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Ratherford Unit Agreement becomes effective and operative.

3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

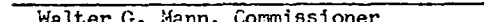
THE OIL AND GAS CONSERVATION  
COMMISSION OF THE STATE OF UTAH

  
Edward W. Clyde, Commissioner presiding

  
C. R. Henderson, Chairman

  
M. V. Hatch, Commissioner

  
C. S. Thomson, Commissioner

  
Walter G. Mann, Commissioner

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1	REC-47-93
2	DT-58-93
3	VLC
4	RJEV
5	DEK
6	PL

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator) <u>M E P N A</u>	FROM (former operator) <u>PHILLIPS PETROLEUM COMPANY</u>
(address) <u>PO DRAWER G</u>	(address) <u>5525 HWY 64 NBU 3004</u>
<u>CORTEZ, CO 81321</u>	<u>FARMINGTON, NM 87401</u>
<u>GLEN COX (915)688-2114</u>	<u>PAT KONKEL</u>
phone <u>(303) 565-2212</u>	phone <u>(505) 599-3452</u>
account no. <u>N7370</u>	account no. <u>N0772(A)</u>

Well(s) (attach additional page if needed): **\*RATHERFORD UNIT (NAVAJO)**

Name: <b>**SEE ATTACHED**</b>	API: <u>43037-16394</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 8-20-93) (6/93 Prod. Rpt. 8-16-93)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 8-31-93) (Rec'd 9-14-93)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 6. Cardex file has been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 7. Well file labels have been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-6-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DC's 10-93
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

1. All attachments to this form have been microfilmed. Date: 11/17 1993.

## FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

931006 BIA/Bhm Approved 7-9-93.

WELL #	API#	LEASE #	SEC., T, R	LOCATION OF WELL
✓ 01W-13	43-037-15838	14-20-603-246A	SEC. 1, T41S, R23E	NW/SW 1980 FSL; 660 FWL
✓ 01-14	43-037-31162	14-20-603-246A	SEC. 1, T41S, R23E	SW/SW 660 FSL; 660 FWL
✓ 01W-24	43-037-15939	14-20-603-246	SEC. 1, T41S, R23E	SE/SW 651 FSL; 3300 FEL
✓ 01-34	43-037-16385	14-20-603-246A	SEC. 1, T41S, R23E	SW/SE 4147 FNL; 1980 FEL
✓ 01W-44	43-037-15840	14-20-603-246A	SEC. 1, T41S, R23E	660 FSL; 661 FEL
✓ 02W-44	43-037-16386	14-20-603-246A	SEC. 2, T41S, R23E	SE/SE 810 FNL; 5110' FWL
✓ 03-14	43-037-15124	14-20-603-5445	SEC. 3, T41S, R24E	660 FSL; 660 FEL
✓ 03-12	43-037-15620	14-20-603-6506	SEC. 3, T41S, R24E	SW/NW 2140 FNL; 660 FWL
✓ 03W-42	43-037-16388	14-20-603-6505	SEC. 3, T41S, R24E	SW/NE 1980 FNL; 660 FEL
✓ 03-44	43-037-15031	14-20-603-6504	SEC. 3, T41S, R24E	520 FSL; 820 FEL
✓ 04-14	43-037-16163	14-20-603-5446	SEC. 4, T41S, R24E	500 FSL; 600 FEL
✓ 04-34	43-037-16164	14-20-603-4035	SEC. 4, T41S, R24E	660 FSL; 1980 FEL
✓ 05-34	43-037-15983	14-20-603-368	SEC. 5, T41S, R24E	SW/SE 612 FSL; 1990 FEL
✓ 05W-43	43-037-16392	14-20-603-368	SEC. 5, T41S, R24E	1400 FSL; 990 FEL
✓ 06W-14	43-037-15984	14-20-603-368	SEC. 6, T41S, R24E	SW/SW 660; FSL; 660 FWL
✓ 06W-23	43-037-16393	14-20-603-368	SEC. 6, T41S, R24E	1830 FSL; 1895 FWL
✓ 07-11	43-037-31163	14-20-603-368	SEC. 7, T41S, R24E	NW/NW 660 FNL; 710 FWL
✓ 07W-12	43-037-15985	14-20-603-368	SEC. 7, T41S, R24E	SW/NW 2140 FNL; 585 FWL
✓ 07-13	43-037-31164	14-20-603-368	SEC. 7, T41S, R24E	NW/SW 2110 FSL; 740 FWL
✓ 07W-14	43-037-15986	14-20-603-368	SEC. 7, T41S, R24E	SW/SW 1065 FSL; 660 FWL
✓ 07W-21	43-037-16394	14-20-603-368	SEC. 7, T41S, R24E	710 FNL; 1820 FWL
✓ 07-22	43-037-31165	14-20-603-368	SEC. 7, T41S, R24E	SE/NW 1980 FNL; 1980 FWL
✓ 07W-23	43-037-15987	14-20-603-368	SEC. 7, T41S, R24E	NE/SW 1980 FSL 1980 FWL
✓ 07-24	43-037-31166	14-20-603-368	SEC. 7, T41S, R24E	SE/SW 880 FSL; 2414 FWL
✓ 07W-32	43-037-15988	14-20-603-368	SEC. 7, T41S, R23E	SW/NE 1980 FNL; 1980 FEL
✓ 07-33	43-037-31167	14-20-603-368	SEC. 7, T41S, R24E	NW/SE 2105 FSL; 1876 FEL
✓ 07W-34	43-037-15989	14-20-603-368	SEC. 7, T41S, R24E	710 FSL; 2003 FEL
✓ 07W-41	43-037-15990	14-20-603-368	SEC. 7, T41S, R24E	NE/NE 585 FNL; 770 FEL
✓ 07W-43	43-037-16395	14-20-603-368	SEC. 7, T41S, R24E	2110 FSL; 660 FEL
✓ 07-44	43-037-31189	14-20-603-368	SEC. 7, T41S, R24E	SE/SE 737 FSL; 555 FEL
✓ 08-12	43-037-15991	14-20-603-368	SEC. 8, T41S, R24E	SW/NW 1909 FNL; 520 FWL
✓ 08W-14	43-037-15992	14-20-603-368	SEC. 8, T41S, R24E	745 FSL; 575 FWL
✓ 08-21	43-037-15993	14-20-603-368	SEC. 8, T41S, R24E	616 FNL; 1911 FWL
✓ 08-23	43-037-15994	14-20-603-368	SEC. 8, T41S, R24E	NE/NW 1920 FSL; 2055 FWL
✓ 08-32	43-037-15995	14-20-603-368	SEC. 8, T41S, R24E	SW/NE 1980 FNL; 1980 FEL
✓ 08-34	43-037-15996	14-20-603-368	SEC. 8, T41S, R24E	SW/SE 660 FSL; 1980 FEL
✓ 08-41	43-037-15997	14-20-603-368	SEC. 8, T41S, R24E	NE/NE 660 FNL; 660 FEL
✓ 08W-43	43-037-16396	14-20-603-368	SEC. 8, T41S, R24E	1980 FSL; 660 FEL
✓ 09W-23	43-037-16398	14-20-603-5046	SEC. 9, T41S, R24E	NW/SE 1980 FSL; 1980 FWL
✓ 09-12	43-037-15126	14-20-603-5045	SEC. 9, T41S, R24E	1865 FNL; 780 FWL
✓ 09W-21	43-037-16397	14-20-603-5045	SEC. 9, T41S, R24E	660 FNL; 2080 FWL
✓ 09-14A	43-037-15127	14-20-603-5046	SEC. 9, T41S, R24E	710 FSL; 660 FWL
✓ 09-32	43-037-16165	14-20-603-4035	SEC. 9, T41S, R24E	1980 FNL; 1980 FEL
✓ 09W-41	43-037-16399	14-20-603-4035	SEC. 9, T41S, R24E	660 FNL; 660 FEL
✓ 09W-43	43-037-16400	14-20-603-4043	SEC. 9, T41S, R24E	1980 FSL; 660 FEL
✓ 10W-23	43-037-16402	14-20-603-4043	SEC. 10, T41S, R24E	1980 FSL; 1980 FWL
✓ 10-14	43-037-15713	14-20-603-4043	SEC. 10, T41S, R24E	510 FSL; 710 FWL
✓ 10-12	43-037-15712	14-20-603-4043	SEC. 10, T41S, R24E	660 FWL; 1980 FNL
✓ 10W-21	43-037-16401	14-20-603-4043	SEC. 10, T41S, R24E	810 FNL; 1980 FWL
✓ 10-34	43-037-16166	14-20-603-4037	SEC. 10, T41S, R24E	620 FSL; 1860 FEL
✓ 10W-43	43-037-16403	14-20-603-4037	SEC. 10, T41S, R24E	1980 FSL; 550 FEL
✓ 11-41	43-037-31544	14-20-603-246A	SEC. 11, T41S, R23E	NE/NE 860 FNL; 350 FEL
✓ 11-42W	43-037-15841	14-20-603-246	SEC. 11, T41S, R23E	3290 FNL; 4617 FEL
✓ 11-43	43-037-31622	14-20-603-246A	SEC. 11, T41S, R23E	1980 FSL; 660 FEL
✓ 11W-44	43-037-15842	14-20-603-246A	SEC. 11, T41S, R23E	SE/SE 660 FSL; 558 FEL
✓ 12W-11	43-037-15843	14-20-603-246A	SEC. 12, T41S, R23E	NW/NW 678 FNL; 4620 FEL
✓ 12-12	43-037-31190	14-20-603-246A	SEC. 12, T41S, R23E	SW/NW 1850 FNL; 660 FWL
✓ 12W-13	43-037-16404	14-20-603-246A	SEC. 12, T41S, R23E	1980 FSL; 4620 FEL
✓ 12-14	43-037-15844	NA	SEC. 12, T41S, R23E	660 FNL; 4622 FWL
✓ 12-21	43-037-31201	14-20-603-246A	SEC. 12, T41S, R23E	NE/NW 660 FNL; 1980 FWL
✓ 12W-22	43-037-15845	14-20-603-246	SEC. 12, T41S, R23E	NA
✓ 12-23	43-037-15846	14-20-603-246A	SEC. 12, T41S, R23E	1958 FNL; 3300 FWL
✓ 12W-24	43-037-31151	14-20-603-246A	SEC. 12, T41S, R23E	775 FSL; 1980
✓ 12-32	43-037-31203	14-20-603-246A	SEC. 12, T41S, R23E	SW/NE 1820 FNL; 1820 FEL
✓ 12W-33	43-037-15848	14-20-603-246A	SEC. 12, T41S, R23E	NW/SE 1957 FSL; 1981 FEL
✓ 12-34	43-037-31126	14-20-603-246A	SEC. 12, T41S, R23E	SW/SE 675 FSL; 1905 FEL
✓ 12-41	43-037-15849	14-20-603-246A	SEC. 12, T41S, R23E	656 FNL; 660 FEL
✓ 12W-42	43-037-15850	14-20-603-246A	SEC. 12, T41S, R23E	3275 FSL; 662 FEL

PAID RECEIVED

SEP 15 1993

DIVISION OF OIL, GAS & MINING

PAID

PAID PAID

14-20-603-246

SE NW 1920 FNL 2080 FWL

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File \_\_\_\_\_

☐ Suspense

☒ Other

(Return Date) \_\_\_\_\_

OPER NM CHG \_\_\_\_\_

(Location) Sec \_\_\_\_\_ Twp \_\_\_\_\_ Rng \_\_\_\_\_

(To - Initials) \_\_\_\_\_

(API No.) \_\_\_\_\_

1. Date of Phone Call: 8-3-95 Time: \_\_\_\_\_

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☐)  
Talked to:

Name R. J. FIRTH (Initiated Call ☒) - Phone No. ( ) \_\_\_\_\_

of (Company/Organization) \_\_\_\_\_

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation: \_\_\_\_\_

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING

NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT

THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

\*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

1- <del>LJC</del>	7-PL ✓
2- <del>LWP</del>	8-SJ ✓
3- <del>DES</del>	9-FILE ✓
4- <del>VLC</del>	
5- <del>RJF</del>	
6- <del>LWP</del>	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-2-95)

TO (new operator) **MOBIL EXPLOR & PROD**  
 (address) **C/O MOBIL OIL CORP**  
**PO DRAWER G**  
**CORTEZ CO 81321**  
 phone (303) **564-5212**  
 account no. **N7370**

FROM (former operator) **M E P N A**  
 (address) **C/O MOBIL OIL CORP**  
**PO DRAWER G**  
**CORTEZ CO 81321**  
 phone (303) **564-5212**  
 account no. **N7370**

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: <u>037-16394</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)
- LWP 6. Cardex file has been updated for each well listed above. 8-21-95
- LWP 7. Well file labels have been updated for each well listed above. 9-28-95
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only) *\* No Fee Lease Wells at this time!*

- N/A See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no)   . Today's date                      19  . If yes, division response was made by letter dated                      19  .

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated                      19  , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 4 1995.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

950803 WIC F5/Not necessary!

STATE OF UTAH  
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
✓MEPNA (MOBIL	43-037-15506	L-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-16358	K-24	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-30400	K-22X	41S	25E	18	INJI	Y
✓MEPNA (MOBIL	43-037-15499	J-21	41S	25E	18	INJW	Y
✓MEPNA (MOBIL	43-037-15508	L-25	41S	25E	19	INJW	Y
✓MEPNA (MOBIL	43-037-15839	1W24	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-15838	1W13	41S	23E	1	INJW	Y
✓MEPNA (MOBIL	43-037-16386	2W44	41S	23E	2	INJW	Y
✓MEPNA (MOBIL	43-037-15842	11W44	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15841	11W42	41S	23E	11	INJW	Y
✓MEPNA (MOBIL	43-037-15848	12W33	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15850	12W42	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15847	12W31	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-16404	12W13	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15845	12W22	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15843	12W11	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31151	12W24	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-31543	RATERFORD 12	41S	23E	12	INJW	Y
✓MEPNA (MOBIL	43-037-15854	13W31	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15851	13W13	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15857	13W42	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16407	13W44	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15855	13W33	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-31152	13W11	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15852	13W22	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-15853	13W24	41S	23E	13	INJW	Y
✓MEPNA (MOBIL	43-037-16410	14W43	41S	23E	14	INJI	Y
✓MEPNA (MOBIL	43-037-15860	14W43	41S	23E	14	INJW	Y
✓MEPNA (MOBIL	43-037-15863	24W42	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15862	24W31	41S	23E	24	INJW	Y
✓MEPNA (MOBIL	43-037-15984	6W14	41S	24E	6	INJW	Y
✓MEPNA (MOBIL	43-037-15988	7W32	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15990	7W41	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16394	7W21	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15985	7W12	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15989	7W34	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15986	7W14	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-15987	7W23	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16395	7W43	41S	24E	7	INJW	Y
✓MEPNA (MOBIL	43-037-16396	8W43	41S	24E	8	INJI	Y
✓MEPNA (MOBIL	43-037-15992	8W14	41S	24E	8	INJW	Y
✓MEPNA (MOBIL	43-037-16398	9W23	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16400	9W43	41S	24E	9	INJI	Y
✓MEPNA (MOBIL	43-037-16397	9W21	41S	24E	9	INJW	Y
✓MEPNA (MOBIL	43-037-16402	10W23	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16401	10W21	41S	24E	10	INJI	Y
✓MEPNA (MOBIL	43-037-16403	10W43	41S	24E	10	INJW	Y
✓MEPNA (MOBIL	43-037-16413	15W43	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16411	15W21	41S	24E	15	INJW	Y
✓MEPNA (MOBIL	43-037-16412	15W23	41S	24E	15	INJI	Y
✓MEPNA (MOBIL	43-037-16415	16W43	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15720	16W12	41S	24E	16	INJW	Y
✓MEPNA (MOBIL	43-037-15721	16W14	41S	24E	16	INJW	Y

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

MOBIL PRODUCING TX & NM INC.\*  
\*MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MPTM

3. Address and Telephone No.

P.O. Box 633, Midland TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 17, T41S, R24E  
(NE/SE) 1980' FSL & 660' FEL

5. Lease Designation and Serial No.

14-20-603-368

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

RATHERFORD UNIT

8. Well Name and No.

RATHERFORD 7-W-21

9. API Well No.

43-037-16394

10. Field and Pool, or exploratory Area

GREATER ANETH

11. County or Parish, State

SAN JUAN UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

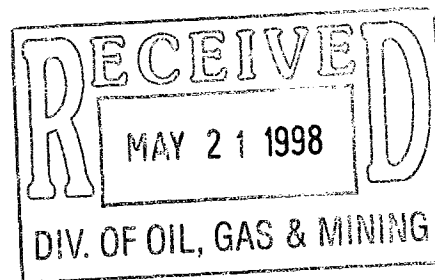
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other MIT TEST  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED MIT AND CHART



14. I hereby certify that the foregoing is true and correct

Signed

*Shirley Houchins*

Title SHIRLEY HOUCHINS/ENV & REG TECH

Date 5-18-98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

# ANNULAR PRESSURE TEST

(Mechanical Integrity Test)

Operator Mobil E. & P., Inc. Date of Test 2-27-98  
Well Name RU # 7W-21 EPA Permit No. \_\_\_\_\_  
Location Sec. 7, T41S-R24E Tribal Lease No. 14-20-603-368  
State and County San Juan County, Utah

Continuous Recorder? YES ☒ NO ☐ Pressure Gauge? YES ☒ NO ☐  
Bradenhead Opened? YES ☒ NO ☐ Fluid Flow? YES ☐ NO ☒

<u>TIME</u>	<u>ANNULUS PRESSURE, psi</u>	<u>TUBING PRESSURE, psi</u>
<u>9:30</u>	<u>1040</u>	<u>2850</u>
<u>9:35</u>	<u>1040</u>	<u>2850</u>
<u>9:40</u>	<u>1035</u>	<u>2850</u>
<u>9:50</u>	<u>1030</u>	<u>2850</u>
<u>10:00</u>	<u>1030</u>	<u>2850</u>

MAX. INJECTION PRESSURE: \_\_\_\_\_ PSI

MAX. ALLOWABLE PRESSURE CHANGE: \_\_\_\_\_ PSI (TEST PRESSURE X 0.05)

REMARKS: Passed? Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)).

*PASSED TEST*

FEITZ JOHNSON  
COMPANY REPRESENTATIVE: (Print and Sign)  
Melvin Capitan Jr.  
INSPECTOR: (Print and Sign)

2-27-98  
DATE  
2-27-98  
DATE

# U.S. ENVIRONMENTAL PROTECTION AGENCY

## NOTICE OF INSPECTION

### Address (EPA Regional Office)

Region 9  
Environmental Inspection Agency  
215 Fremont Street (W-6-2)  
San Francisco, CA 94105

### Inspection Contractor

Navajo Nation EPA  
GPC Program  
P.O. Box 1979  
Shiprock, NM 87420

### Firm To Be Inspected

Mobil E. & P., Inc.  
P.O. Box Drawer G  
Cortez, CO 81321

Date *2-27-98*

Hour *9:30 am*

Notice of Inspection is hereby given according to Section 1445(b) of the Safe Drinking Water Act (42 U.S.C. §300 f et seq.).

### Reason For Inspection

For the purpose of inspecting records, files, papers, processes, controls and facilities, and obtaining samples to determine whether the person subject to an applicable underground injection control program has acted or is acting in compliance with the Safe Drinking Water Act and any applicable permit or rule.

*RU# 7W-21, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 8W-14, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 18W-34, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 8W-43, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 29W-23, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 30W-21, WATER INJECTION WELL, M.I.T. - PASSED*  
*RU# 9W-23, WATER INJECTION WELL, M.I.T. - PASSED*

Section 1445(b) of the SDWA (42 U.S.C. §300 j-4 (b) is quoted on the reverse of this form.

Receipt of this Notice of Inspection is hereby acknowledged.

Firm Representative

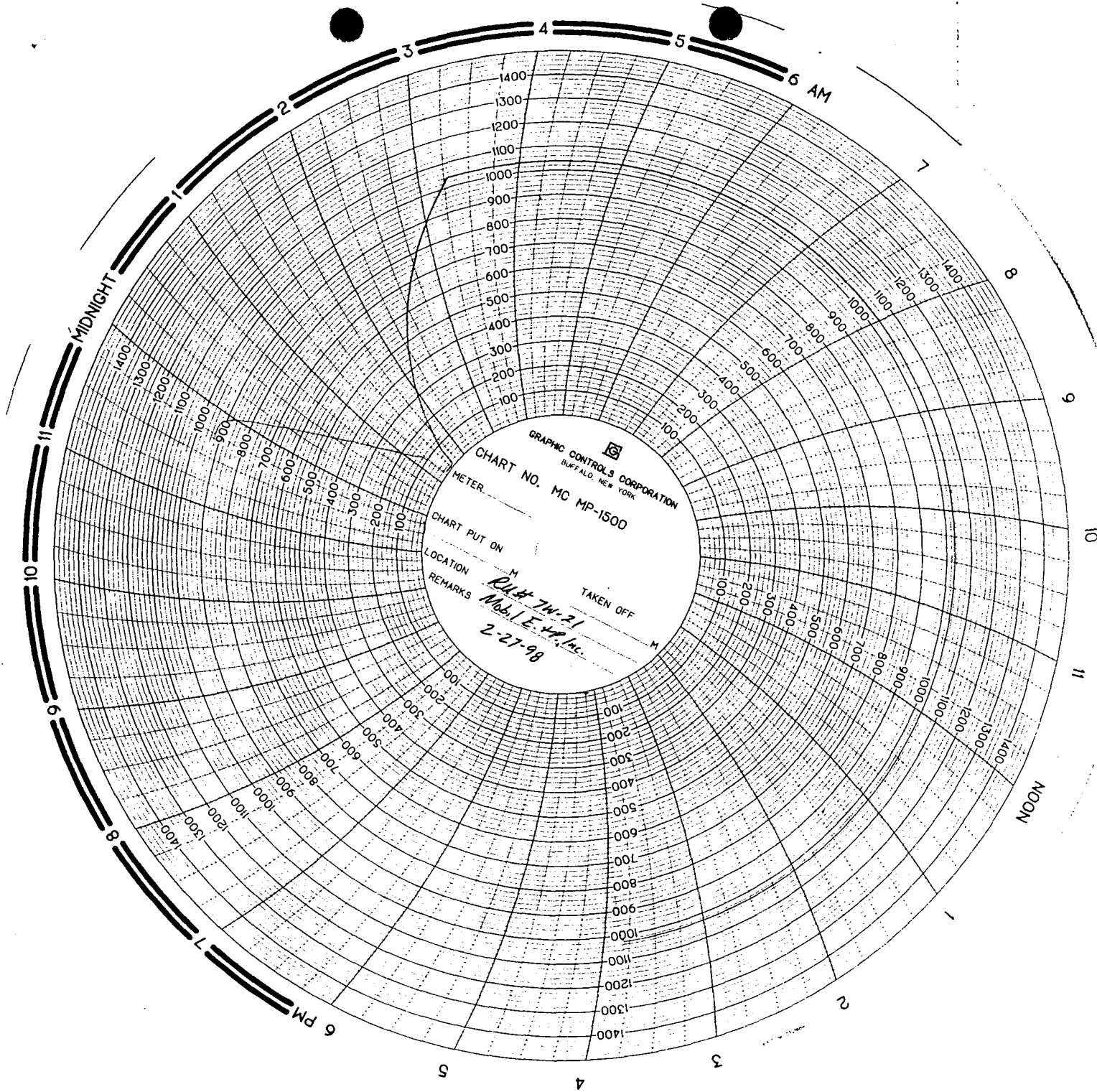
*[Signature]*

Date

*2-27-98*

Inspector

*[Signature]*



GRAPHIC CONTROLS CORPORATION  
BUFFALO, N. Y.

CHART NO. MC MP-1500

METER \_\_\_\_\_

CHART PUT ON \_\_\_\_\_

LOCATION \_\_\_\_\_

REMARKS *Rel. 74-21*

*Mob. E. H. Inc.*

*2-27-98*

TAKEN OFF \_\_\_\_\_

**ExxonMobil Production Company**

U.S. West

P.O. Box 4358

Houston, Texas 77210-4358

June 27, 2001

**ExxonMobil**  
*Production*

Mr. Jim Thompson  
State of Utah, Division of Oil, Gas and Mining  
1549 West North Temple  
Suite 1210  
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

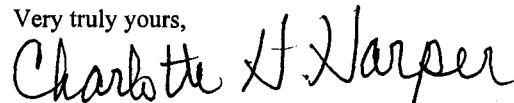
Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,



Charlotte H. Harper  
Permitting Supervisor

ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

RECEIVED

JUN 29 2001  
DIVISION OF  
OIL, GAS AND MINING





IN REPLY REFER TO:

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

XXXXXXXXXXXXXXXXXXXX  
Navajo Area Office  
NAVAJO REGIONP.O. Box 1060  
Gallup, New Mexico 87305-1060

AUG 30 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor  
Exxon Mobil Production Company  
U. S. West  
P. O. Box 4358  
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

GEMINI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures ✓  
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES	
ADM 1	<i>DB/MC</i>
NATV AM MIN COORD _____	
SOLID MIN TEAM _____	
PETRO MIN TEAM <i>2</i> _____	
O & G INSPECTION TEAM _____	
ALL TEAM LEADERS _____	
LAND RESOURCES _____	
ENVIRONMENT _____	
FILES _____	

**ExxonMobil Production Company**

U.S. West

P.O. Box 4358

Houston, Texas 77210-4358

*PS 7/12/001**SH**543**File*

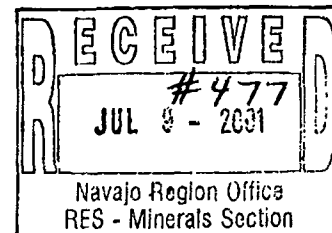
June 27, 2001

**ExxonMobil**  
Production

Certified Mail

Return Receipt Requested

Ms. Genni Denetsone  
United States Department of the Interior  
Bureau of Indian Affairs, Navajo Region  
Real Estate Services  
P. O. Box 1060  
Gallup, New Mexico 87305-1060  
Mail Code 543



Change of Name -  
Mobil Oil Corporation to  
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

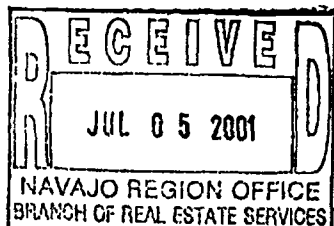
If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

*Charlotte H. Harper*

Charlotte H. Harper  
Permitting Supervisor

Attachments



ExxonMobil Production Company  
a division of Exxon Mobil Corporation,  
acting for ExxonMobil Oil Corporation

*NOTE: Check forwarded to Ella Isaac*

Bureau of Indian Affairs  
Navajo Region Office  
Attn: RRES - Mineral and Mining Section  
P.O. Box 1060  
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

#### OFFICERS

President	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Vice President	<u>K.T. Koonce</u>	Address <u>800 Bell Street Houston, TX 77002</u>
Secretary	<u>F.L. Reid</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Treasure	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>

#### DIRECTORS

Name	<u>D.D. Humphreys</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>P.A. Hanson</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>T.P. Townsend</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>B.A. Maher</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>
Name	<u>F.A. Risch</u>	Address <u>5959 Las Colinas Blvd. Irving, TX 75039</u>


Sincerely,



Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is true and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800) 927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218



  
Signature  
AGENT AND ATTORNEY IN FACT  
Title

SAL

**CERTIFICATION**

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

**CHANGE OF COMPANY NAME**

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

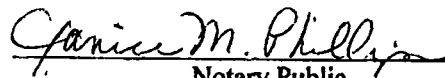
FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

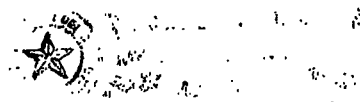
WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

  
Assistant Secretary

COUNTY OF DALLAS )  
STATE OF TEXAS )  
UNITED STATES OF AMERICA )

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

  
Notary Public



**LISTING OF LEASES OF MOBIL OIL CORPORATION****Lease Number**

- 1) 14-20-0603-6504
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14) 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

6/1/01

**CHUBB GROUP OF INSURANCE COMPANIES**

1000 West Loop South, Suite 1900, Houston, Texas 77027-3301  
Telephone: (713) 227-4600 • Facsimile: (713) 227-4750

*NW Bond*

**FEDERAL INSURANCE COMPANY RIDER**  
to be attached to and form a part of

**BOND NO 8027 31 97**

wherein

**Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is**  
named as Principal and

**FEDERAL INSURANCE COMPANY AS SURETY,**

**in favor of United States of America, Department of the Interior**  
**Bureau of Indian Affairs**

**in the amount of \$150,000.00**  
**bond date: 11/01/65**

**IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001**  
**the name of the Principal is changed**

**FROM: Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.**

**TO : ExxonMobil Oil Corporation**

**All other terms and conditions of this Bond are unchanged.**

**Signed, sealed and dated this 12<sup>th</sup> of June, 2001.**

**ExxonMobil Oil Corporation**

By: 

**FEDERAL INSURANCE COMPANY**

By: 

**Mary Pierson, Attorney-in-fact**

**Chubb  
Surety****POWER  
OF  
ATTORNEY****Federal Insurance Company  
Vigilant Insurance Company  
Pacific Indemnity Company****Attn.: Surety Department  
15 Mountain View Road  
Warren, NJ 07059**

Know All by These Presents, That **FEDERAL INSURANCE COMPANY**, an Indiana corporation, **VIGILANT INSURANCE COMPANY**, a New York corporation, and **PACIFIC INDEMNITY COMPANY**, a Wisconsin corporation, do each hereby constitute and appoint

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas----- **R.F. Bobo,**

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson, Vice President

STATE OF NEW JERSEY } ss.  
County of Somerset

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies in the presence of the Notary Public.



Notary Public State of New Jersey  
No. 2231647

Commission Expires Oct. 28, 2004

Notary Public

Extract from the By-Laws of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY**:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of **FEDERAL INSURANCE COMPANY**, **VIGILANT INSURANCE COMPANY**, and **PACIFIC INDEMNITY COMPANY** (the "Companies") do hereby certify that

- (i) the foregoing extract of the By-Laws of the Companies is true and correct,
- (ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
- (iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001



Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY  
Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

CSC

06/01 '01 09:06 NO.135 02/04

F010601000187

CERTIFICATE OF AMENDMENT  
OF  
CERTIFICATE OF INCORPORATION  
OF  
MOBIL OIL CORPORATION

CSC 45

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,  
ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.



CSC  
CSC

5184334741

06/01 '01 08:47 NO.410 04/05  
06/01 '01 09:06 NO.133 03/04

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.

  
F. A. Risch, President

STATE OF TEXAS           )  
COUNTY OF DALLAS       )

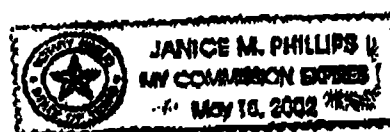
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

  
F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]

  
NOTARY PUBLIC, STATE OF TEXAS



=> CSC

TEL=5184334741

06/01'01 08:19

CSC  
CSC

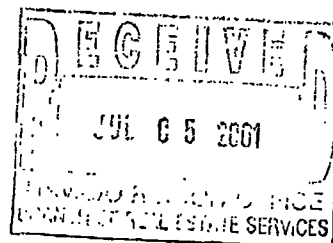
5184334741

06/01 '01 09:01 NO.411 02/02  
06/01 '01 09:06 NO.153 04/04  
**F010601000187****CSC 45****CERTIFICATE OF AMENDMENT****OF****MOBIL OIL CORPORATION**

Under Section 805 of the Business Corporation Law

**STATE OF NEW YORK  
DEPARTMENT OF STATE**Filed by: EXXONMOBIL CORPORATION  
(Name)

FILED JUN 01 2001

6959 Las Colinas Blvd.  
(Mailing address)TAX \$  
BY: *SAC*Irving, TX 75039-2298  
(City, State and Zip code)*ny Albany**Cust Ref # 165578 MPJ***010601000195**

=&gt; CSC

TEL=5184334741

06/01'01 08:19

*State of New York     }  
Department of State } ss:*

*I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.*

*Witness my hand and seal of the Department of State on* **JUN 01 2001**



*Special Deputy Secretary of State*

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**NOTE: EPA ISSUES UIC PERMITS**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 04/18/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 04/18/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 80273197

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**6/1/2006**

**FROM: (Old Operator):**

N1855-ExxonMobil Oil Corporation  
 PO Box 4358  
 Houston, TX 77210-4358  
 Phone: 1 (281) 654-1936

**TO: ( New Operator):**

N2700-Resolute Natural Resources Company  
 1675 Broadway, Suite 1950  
 Denver, CO 80202  
 Phone: 1 (303) 534-4600

**CA No.**

**Unit:**

**RATHERFORD (UIC)**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted on: \_\_\_\_\_
- 6a. (R649-9-2) Waste Management Plan has been received on: requested
- 6b. Inspections of LA PA state/fee well sites complete on: n/a
- 6c. Reports current for Production/Disposition & Sundries on: ok
7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. **Receipt of Acceptance of Drilling Procedures for APD/New** on: n/a

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a  
 The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

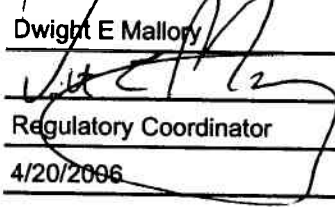
Well Name and Number See attached list	API Number Attached
Location of Well Footage: See attached list County: San Juan QQ, Section, Township, Range: State: UTAH	Field or Unit Name Ratherford Unit Lease Designation and Number See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006


CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation  
Address: PO Box 4358  
city Houston state TX zip 77210-4358  
Phone: (281) 654-1936  
Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_  
Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company  
Address: 1675 Broadway, Suite 1950  
city Denver state CO zip 80202  
Phone: (303) 534-4600  
Name: Dwight E Mallory  
Signature:   
Title: Regulatory Coordinator  
Date: 4/20/2006  
Comments: A list of affected UIC wells is attached.  
New bond numbers for these wells are:  
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:   
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

RECEIVED  
APR 24 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Unit Agreement</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
2. NAME OF OPERATOR: Resolute Natural Resources Company <u>N2700</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 534-4600		7. UNIT or CA AGREEMENT NAME: Ratherford Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list		8. WELL NAME and NUMBER: See attached list
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: [REDACTED]		9. API NUMBER: Attached
COUNTY: San Juan		10. FIELD AND POOL, OR WILDCAT: Greater Aneth
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the Ratherford Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the Ratherford Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT) Dwight E Mallory TITLE Regulatory Coordinator  
SIGNATURE [Signature] DATE 4/20/2006

(This space for State use only)

APPROVED 6127106

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

APR 24 2006

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection</u>		5. LEASE DESIGNATION AND SERIAL NUMBER:  
2. NAME OF OPERATOR: ExxonMobil Oil Corporation <u>N1855</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Ship Rock</u>
3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY <u>Houston</u> STATE <u>TX</u> ZIP <u>77210-4358</u>		7. UNIT or CA AGREEMENT NAME: <u>UTU68931A</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE:  QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: <u>Ratherford</u>
PHONE NUMBER: <u>(281) 654-1936</u>		9. API NUMBER: <u>attached</u>
		10. FIELD AND POOL, OR WILDCAT: <u>Aneth</u>

COUNTY: San Juan

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/1/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, Ratherford lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) <u>Laurie Kilbride</u>	TITLE <u>Permitting Supervisor</u>
SIGNATURE <u>Laurie Kilbride</u>	DATE <u>4/19/2006</u>

(This space for State use only)

**APPROVED** 6/27/06  
Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
(See Instructions on Reverse Side)

**RECEIVED**  
**APR 21 2006**

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location							
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot	
RATHERFORD UNIT	1W24	430371583900S1	Shut-in	14-20-603-246A	NE	SE	1	41S	23E	0651FSL	3300FEL	
RATHERFORD UNIT	2W44	430371638600S1	Active	14-20-603-246A	SE	SE	2	41S	23E	0810FSL	0510FEL	
RATHERFORD UNIT	11W42	430371584100S1	Active	14-20-603-246A	SE	NE	11	41S	23E	3290FSL	4617FWL	
RATHERFORD UNIT	11W44	430371584200S1	Shut-in	14-20-603-246A	SE	SE	11	41S	23E	0660FSL	0558FEL	
RATHERFORD UNIT	12W11	430371584300S1	Active	14-20-603-246A	NW	NW	12	41S	23E	0678FNL	4620FEL	
RATHERFORD UNIT	12W13	430371640400S1	Active	14-20-603-246A	NW	SW	12	41S	23E	1980FSL	4620FEL	
RATHERFORD UNIT	12W22	430371584501S1	Active	14-20-603-246A	SE	NW	12	41S	23E	1920FNL	2080FWL	
RATHERFORD UNIT	12W24	430373115101S1	Active	14-20-603-246A	SE	SW	12	41S	23E	0775FSL	1980FWL	
RATHERFORD UNIT	12W31	430371584700S1	Active	14-20-603-246A	NW	NE	12	41S	23E	0661FNL	1981FEL	
RATHERFORD UNIT	12W33	430371584800S1	Active	14-20-603-246A	NW	SE	12	41S	23E	1958FSL	3300FEL	
RATHERFORD UNIT	12W42	430371585000S1	Active	14-20-603-246A	SE	NE	12	41S	23E	3275FSL	0662FEL	
RATHERFORD UNIT	12W44A	430373154300S1	Shut-in	14-20-603-246A	SE	SE	12	41S	23E	0772FSL	0807FEL	
RATHERFORD UNIT	13W11	430373115201S1	Active	14-20-603-247A	NW	NW	13	41S	23E	0500FNL	0660FWL	
RATHERFORD UNIT	13W13	430371585100S1	Active	14-20-603-247A	NW	SW	13	41S	23E	1980FSL	4620FEL	
RATHERFORD UNIT	13W22	430371585200S1	Active	14-20-603-247A	SE	NW	13	41S	23E	1988FNL	3300FEL	
RATHERFORD UNIT	13W24	430371585300S1	Active	14-20-603-247A	SE	SW	13	41S	23E	0660FSL	3300FEL	
RATHERFORD UNIT	13W33	430371585501S1	Active	14-20-603-247A	NW	SE	13	41S	23E	1970FSL	1979FEL	
RATHERFORD UNIT	13W42	430371585700S1	Shut-in	14-20-603-247A	SE	NE	13	41S	23E	2139FNL	0585FEL	
RATHERFORD UNIT	13W44	430371640700S1	Active	14-20-603-247A	SE	SE	13	41S	23E	0653FSL	0659FEL	
RATHERFORD UNIT	14-31	430373171700S1	Active	14-20-603-247A	NW	NE	14	41S	23E	0754FNL	1604FEL	
RATHERFORD UNIT	14W42	430371586001S1	Active	14-20-603-247A	SE	NE	14	41S	23E	1976FNL	653FEL	
RATHERFORD UNIT	24W31	430371586200S1	Shut-in	14-20-603-247A	NW	NE	24	41S	24E	0560FNL	1830FEL	
RATHERFORD UNIT	24W42	430371586300S1	Shut-in	14-20-603-247A	SE	NE	24	41S	24E	1980FNL	0660FEL	
RATHERFORD UNIT	17W12	430371572601S1	Active	14-20-603-353	SW	NW	17	41S	24E	1980FNL	510FWL	
RATHERFORD UNIT	17W14	430371572700S1	Active	14-20-603-353	SW	SW	17	41S	24E	0610FSL	0510FWL	
RATHERFORD UNIT	17W21	430371641601S1	Active	14-20-603-353	NE	NW	17	41S	24E	0510FNL	1830FWL	
RATHERFORD UNIT	17W23	430371572801S1	Active	14-20-603-353	NE	SW	17	41S	24E	1880FSL	1980FWL	
RATHERFORD UNIT	17W32	430371572900S1	TA'd	14-20-603-353	SW	NE	17	41S	24E	1830FNL	2030FEL	
RATHERFORD UNIT	17W34	430371573000S1	Active	14-20-603-353	SW	SE	17	41S	24E	0560FSL	1880FEL	
RATHERFORD UNIT	17W41	430371573100S1	Shut-in	14-20-603-353	NE	NE	17	41S	24E	0610FNL	0510FEL	
RATHERFORD UNIT	17W43	430371641701S1	Active	14-20-603-353	NE	SE	17	41S	24E	1980FSL	0660FEL	
RATHERFORD UNIT	18-43B	430373171801S1	Active	14-20-603-353	NE	SE	18	41S	24E	2023FSL	0651FEL	
RATHERFORD UNIT	18W12	430373115301S1	Active	14-20-603-353	SW	NW	18	41S	24E	1980FNL	560FWL	
RATHERFORD UNIT	18W14	430371573501S1	Active	14-20-603-353	SW	SW	18	41S	24E	0810FSL	0600FWL	
RATHERFORD UNIT	18W21	430371641801S1	Active	14-20-603-353	NE	NW	18	41S	24E	660FNL	1882FWL	
RATHERFORD UNIT	18W23	430373024400S1	Shut-in	14-20-603-353	NE	SW	18	41S	24E	2385FSL	2040FWL	
RATHERFORD UNIT	18W32	430371573601S1	Active	14-20-603-353	SW	NE	18	41S	24E	2140FNL	1830FEL	
RATHERFORD UNIT	18W34	430371573701S1	Active	14-20-603-353	SW	SE	18	41S	24E	780FSL	1860FEL	
RATHERFORD UNIT	18W41	430371573800S1	TA'd	14-20-603-353	NE	NE	18	41S	24E	0660FNL	0660FEL	
RATHERFORD UNIT	19-12	430371573901S1	Active	14-20-603-353	SW	NW	19	41S	24E	1980FNL	0600FWL	
RATHERFORD UNIT	19-32	430371574301S1	Active	14-20-603-353	SW	NE	19	41S	24E	2717FNL	2802FEL	
RATHERFORD UNIT	19-34	430371574401S1	Active	14-20-603-353	SW	SE	19	41S	24E	0660FSL	1980FEL	
RATHERFORD UNIT	19W21	430371574100S1	Shut-in	14-20-603-353	NE	NW	19	41S	24E	0660FNL	1860FWL	
RATHERFORD UNIT	19W23	430371574200S1	Shut-in	14-20-603-353	NE	SW	19	41S	24E	2080FSL	1860FWL	
RATHERFORD UNIT	19W43	430371642000S1	Shut-in	14-20-603-353	NE	SE	19	41S	24E	1980FSL	0760FEL	
RATHERFORD UNIT	20-12	430371574601S1	Active	14-20-603-353	SW	NW	20	41S	24E	0709FNL	0748FEL	
RATHERFORD UNIT	20-14	430371574701S1	Active	14-20-603-353	SW	SW	20	41S	24E	0660FSL	0660FWL	
RATHERFORD UNIT	20-32	430371574901S1	Active	14-20-603-353	SW	NE	20	41S	24E	0037FNL	0035FWL	
RATHERFORD UNIT	20-34	430371575001S1	Active	14-20-603-353	SW	SE	20	41S	24E	0774FNL	0617FWL	
RATHERFORD UNIT	20-67	430373159000S1	Active	14-20-603-353	NE	SW	20	41S	24E	2629FSL	1412FWL	
RATHERFORD UNIT	20W21	430371642300S1	Active	14-20-603-353	NE	NW	20	41S	24E	0660FNL	1880FWL	
RATHERFORD UNIT	20W23	430371574800S1	Active	14-20-603-353	NW	SW	20	41S	24E	2080FSL	2120FWL	
RATHERFORD UNIT	20W41	430371575100S1	Active	14-20-603-353	NE	NE	20	41S	24E	0660FNL	0660FEL	
RATHERFORD UNIT	20W43	430371642400S1	TA'd	14-20-603-353	NE	SE	20	41S	24E	2070FSL	0810FEL	
RATHERFORD UNIT	16W12	430371572000S1	Active	14-20-603-355	SW	NW	16	41S	24E	1880FNL	0660FWL	

**GREATER ANETH FIELD UIC WELL LIST**  
**Ratherford lease, San Juan County, Utah**

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
RATHERFORD UNIT	16W14	430371572100S1	Shut-in	14-20-603-355	SW	SW	16	41S	24E	0660FSL	0660FWL
RATHERFORD UNIT	16W21	430371641400S1	Active	14-20-603-355	NE	NW	16	41S	24E	0660FNL	1880FWL
RATHERFORD UNIT	16W23	430371572201S1	Active	14-20-603-355	NE	SW	16	41S	24E	1980FSL	1980FWL
RATHERFORD UNIT	16W43	430371641501S1	Active	14-20-603-355	NE	SE	16	41S	24E	2140FSL	0820FEL
RATHERFORD UNIT	21-14	430371575301S1	Active	14-20-603-355	SW	SW	21	41S	24E	0660FSL	0460FWL
RATHERFORD UNIT	21-67	430373175301S1	Active	14-20-603-355	NE	SW	21	41S	24E	2560FSL	1325FWL
RATHERFORD UNIT	21W21	430371642501S1	Active	14-20-603-355	NE	NW	21	41S	24E	0660FNL	2030FWL
RATHERFORD UNIT	6W14	430371598400S1	Active	14-20-603-368	NE	SE	6	41S	24E	0660FSL	0660FWL
RATHERFORD UNIT	7W12	430371598500S1	Active	14-20-603-368	NE	SE	7	41S	24E	2140FNL	0585FWL
RATHERFORD UNIT	7W14	430371598600S1	Active	14-20-603-368	NE	SE	7	41S	24E	1065FSL	0660FWL
RATHERFORD UNIT	7W21	430371639400S1	Active	14-20-603-368	NE	NW	7	41S	24E	0710FNL	1820FWL
RATHERFORD UNIT	7W34	430371598900S1	Active	14-20-603-368	SW	SE	7	41S	24E	0710FSL	2003FEL
RATHERFORD UNIT	7W43	430371639500S1	Active	14-20-603-368	NE	SE	7	41S	24E	2110FSL	0660FEL
RATHERFORD UNIT	8W14	430371599200S1	Active	14-20-603-368	SW	NE	8	41S	24E	0745FSL	0575FWL
RATHERFORD UNIT	10W43	430371640300S1	TA'd	14-20-603-4037	NE	SE	10	41S	24E	1980FSL	0550FEL
RATHERFORD UNIT	29-12	430371533701S1	Active	14-20-603-407	SW	NW	29	41S	24E	2870FNL	1422FWL
RATHERFORD UNIT	29-32	430371533901S1	Active	14-20-603-407	SW	NE	29	41S	24E	0694FNL	0685FWL
RATHERFORD UNIT	29W21	430371643200S1	Active	14-20-603-407	NE	NW	29	41S	24E	0667FNL	2122FWL
RATHERFORD UNIT	29W41	430371643300S1	Active	14-20-603-407	NE	NE	29	41S	24E	0557FNL	0591FEL
RATHERFORD UNIT	29W43	430371643400S1	Shut-in	14-20-603-407	NE	SE	29	41S	24E	1980FSL	0660FEL
RATHERFORD UNIT	30W41	430371534300S1	Shut-in	14-20-603-407	NE	NE	30	41S	24E	0660FNL	0660FEL
RATHERFORD UNIT	28-12	430371533601S1	Active	14-20-603-409	SW	SE	28	41S	24E	2121FNL	0623FWL
RATHERFORD UNIT	28W21	430371643100S1	Shut-in	14-20-603-409	NE	NW	28	41S	24E	0660FNL	2022FWL
RATHERFORD UNIT	9W23	430371639800S1	Active	14-20-603-5046	NW	SE	9	41S	24E	1980FSL	1980FWL